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62,37

MEYER SEEDS

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40th Edition 1950

BEANS, SUPER-GREEN STRING-LESS. The latest development. $\frac{1}{2}$ pt. 30c; pt. 55c; qt. \$1.00; $\frac{1}{2}$ pk. \$3.00; pk. (15 lbs.) \$5.50.

BEET, PERFECTION DETROIT DARK RED. Tender and sweet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

TOMATO, CERTIFIED RUTGERS. Most reliable. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

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SPECIAL OFFER No. 1

Enough seed for the average family garden.

$\frac{1}{2}$ pt. Supergreen Stringless Beans
1 oz. Perfection Detroit Dark Red Beet

1 pkt. Certified Rutgers Tomato
 $\frac{1}{2}$ pt. Gold Rush Hybrid Corn

All the above **85c**

(Postpaid in 1st and 2d Zones, \$1.00)

The MEYER SEED CO.

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BALTIMORE 2, MD.
BALTIMORE 6, MD.

M.-S. LAWN GRASSES

BACKED BY MANY YEARS'
REPUTATION

Lawn Grass Mixtures subject to 2 per cent sales tax

Next to the house, the most important thing about a home is a beautiful lawn, and to establish a lawn which will retain its rich green color and springy velvety turf throughout the entire summer and fall, we have prepared several mixtures of the best grasses to which just enough clover has been added to make it the best possible for this purpose; we also have some mixtures without clover. With our clean grass seed, free from weed seed, to start with, it is easy to have a turf of which you will be proud. For making a new lawn, 75 to 100 pounds per acre are required, or for renovating old lawns, 40 to 50 pounds per acre. To bring this down to small lawns, a plot 10 by 20, or 200 square feet, requires 1 pound for a new lawn or $\frac{1}{2}$ pound for renovating.

Restore the beauty of your lawn or make a beautiful new lawn by seeding with M.-S. Famous Lawn Seeds and applying well-known Special Lawn Foods.

You will find our M.-S. Roland Park Lawn Grass the ideal mixture to use for sunny places, and our M.-S. Shady Nook Lawn Grass just right for shady places. Use 1 lb. to 200 sq. ft. and 25 lbs. to $\frac{1}{4}$ acre. Use Special Lawn Foods at the rate of 10 lbs. to 400 sq. ft. and 200 lbs. to $\frac{1}{4}$ acre.

ESSENTIALS FOR MAINTAINING A GOOD LAWN

1. In early spring rake out all debris.
2. Roll while the ground is still spongy.
3. Sow a little grass seed both spring and fall.
4. Use SACCO at least once a year. Frequent light applications are better.
5. Cut the grass often enough so that the clippings may be allowed to remain on the ground.
6. Do not clip so short as to injure the crowns of plants.
7. When watering, SOAK the ground—don't sprinkle.

M.-S. ROLAND PARK LAWN GRASS. This popular, widely used mixture contains the best of grasses and white clover.

Lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.50; 10 lbs. \$6.75; bus. (30 lbs.) \$19.50

M.-S. GUILFORD GARDEN CLUB MIXTURE. This is a special mixture which is used extensively in the Guilford, Homeland, and Roland Park sections of Baltimore. No clover.

Lb. 90c; 3 lbs. \$2.65; 5 lbs. \$4.35; 10 lbs. \$8.50; bus. (30 lbs.) \$23.50

M.-S. SHADY NOOK GRASS. This fine mixture is made up of grasses which will thrive in shade and will give you a nice green carpet under your trees. Contains no clover.

**Lb. 80c; 3 lbs. \$2.35; 5 lbs. \$3.85; 10 lbs. \$7.50;
bus. (30 lbs.) \$20.50**

EVERGREEN LAWN GRASS. Composed of grasses and clover which make a quick, lasting lawn.

**Lb. 65c; 3 lbs. \$1.90; 5 lbs. \$3.10; 10 lbs. \$6.00;
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M.-S. TERRACE MIXTURE. This consists of quick-growing, deep-rooted grasses and white clover, which will prevent washing. It is the finest Terrace Mixture we have ever seen.

Lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.50; 10 lbs. \$6.75; bus. (30 lbs.) \$19.50

M.-S. BENT GRASS, LAWN AND PUTTING-GREEN MIXTURE. This mixture is prepared for places where pure Bent Grass lawns are subject to fungus attacks. Without clover, but in addition to Creeping Bent contains the finest grades of Kentucky Blue Grass and Fancy Red-Top.

Lb. 90c; 3 lbs. \$2.65; 5 lbs. \$4.35; 10 lbs. \$8.50; bus. (30 lbs.) \$23.50

WHITE DUTCH CLOVER. $\frac{1}{4}$ lb. 35c; lb. \$1.25.

CREEPING BENT. Especially adapted wherever a velvet-like lawn is wanted. **Lb. \$1.25.**

FESCUE, CHEWING'S. For shady situations and fine lawns, this grass has no equal. **Lb. 75c.**

SACCO. The complete all-purpose plant-food. Contains all eleven elements needed for thicker, greener turf, beautiful flowers, vigorous trees and shrubs, and more tasty vegetables. Sacco is famous for results. It is clean, odorless and always uniform. Sacco is endorsed by thousands of home owners and professional gardeners everywhere. **2½ lbs. 25c; 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$3.95.**

WEDO. The new sensational grass grower and weed killer. Contains 2,4-D. Analysis 6-10-4. Suggested rate of application, $1\frac{1}{2}$ lbs. per 100 sq. feet. **25 lbs. \$2.75; 100 lbs. \$8.95.**



LAWN MOWER SERVICE DEPARTMENT. Our Service Department is thoroughly equipped with the most modern machinery to give prompt and efficient service by our skilled mechanics. We repair, sharpen, or adjust any model Power or Hand Mower. All work called for and delivered. Get our estimates on your requirements. Let us put your mowers in condition during the winter months.

*Special prices on grasses in larger quantities on application. If wanted by Parcel Post, add as to zones. PRICES SUBJECT TO CHANGE
All Lawn Grass Mixtures are subject to sales tax*

For other Grass Seed and Mixtures see pages 24 and 25

For other Lawn Foods and Fertilizers see page 44

1950 GARDEN BOOK

GREETINGS! Another year has rolled around again and it is our great privilege to present to you our 1950 Garden Book. Here we have listed and described what we believe to be the best Seeds, Bulbs, Plants, Horticultural, Poultry and Pet Supplies which it is possible to obtain, and we have tried to include as much information as possible to aid you in using our materials. We have spent many years in getting together all of this information, and we hope that you will not only use this book in ordering our goods but will find it a valuable reference work. Please remember that our motto is "Punctuality, Sterling Quality, Courteous Treatment," and we intend to live up to it.

Our seeds are tested by approved and modern methods, and no inferior seed is knowingly sent to our customers. In spite of this, failures will occur, usually from some cause beyond our control, and while we will do everything in our power to assist our customers, we must advise that our seeds are sold under the following usual non-warranty: "The Meyer Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed."

We have taken over the Solomon Seed Store, located at 7804 Belair Road, which should be a convenience to many of our customers in the northeast section of Baltimore County and city. Ample parking facilities.

Parcel Post Rates from Baltimore (Subject to Change)

Articles marked postpaid are sent free only to the 2d zone; for farther distances consult Parcel Post chart.

POUNDS	LOCAL	First and Second Zones, Up to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles	POUNDS	LOCAL	First and Second Zones, Up to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles
1	\$0.10	\$0.12	\$0.13	\$0.14	\$0.15	36	\$0.39	\$0.83	\$1.13	\$1.65	\$2.12
2	.11	.15	.16	.19	.21	37	.40	.85	1.16	1.70	2.18
3	.12	.17	.19	.23	.27	38	.40	.87	1.19	1.74	2.23
4	.13	.19	.22	.28	.33	39	.41	.89	1.22	1.78	2.29
5	.14	.21	.25	.32	.39	40	.42	.91	1.24	1.82	2.34
6	.15	.23	.28	.37	.45	41	.43	.93	1.27	1.87	2.40
7	.16	.25	.31	.41	.51	42	.43	.95	1.30	1.91	2.45
8	.17	.27	.34	.46	.57	43	.44	.97	1.33	1.95	2.51
9	.18	.29	.37	.50	.63	44	.45	.99	1.36	1.99	2.56
10	.19	.31	.40	.55	.69	45	.46	1.01	1.38	2.04	2.62
11	.20	.33	.43	.59	.75	46	.46	1.03	1.41	2.08	2.67
12	.21	.35	.46	.63	.80	47	.47	1.05	1.44	2.12	2.73
13	.22	.37	.49	.68	.86	48	.48	1.07	1.47	2.16	2.78
14	.22	.39	.52	.72	.91	49	.49	1.09	1.50	2.21	2.84
15	.23	.41	.54	.76	.97	50	.49	1.11	1.52	2.25	2.89
16	.24	.43	.57	.80	1.02	51	.50	1.13	1.55	2.29	2.95
17	.25	.45	.60	.85	1.08	52	.51	1.15	1.58	2.33	3.00
18	.25	.47	.63	.89	1.13	53	.52	1.17	1.61	2.38	3.06
19	.26	.49	.66	.93	1.19	54	.52	1.19	1.64	2.42	3.11
20	.27	.51	.68	.97	1.24	55	.53	1.21	1.66	2.46	3.17
21	.28	.53	.71	1.02	1.30	56	.54	1.23	1.69	2.50	3.22
22	.28	.55	.74	1.06	1.35	57	.55	1.25	1.72	2.55	3.28
23	.29	.57	.77	1.10	1.41	58	.55	1.27	1.75	2.59	3.33
24	.30	.59	.80	1.14	1.46	59	.56	1.29	1.78	2.63	3.39
25	.31	.61	.82	1.19	1.52	60	.57	1.31	1.80	2.67	3.44
26	.31	.63	.85	1.23	1.57	61	.58	1.33	1.83	2.72	3.50
27	.32	.65	.88	1.27	1.63	62	.58	1.35	1.86	2.76	3.55
28	.33	.67	.91	1.31	1.68	63	.59	1.37	1.89	2.80	3.61
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30	.34	.71	.96	1.40	1.79	65	.61	1.41	1.94	2.89	3.72
31	.35	.73	.99	1.44	1.85	66	.61	1.43	1.97	2.93	3.77
32	.36	.75	1.02	1.48	1.90	67	.62	1.45	2.00	2.97	3.83
33	.37	.77	1.05	1.53	1.96	68	.63	1.47	2.03	3.01	3.88
34	.37	.79	1.08	1.57	2.01	69	.64	1.49	2.06	3.06	3.94
35	.38	.81	1.10	1.61	2.07	70	.64	1.51	2.08	3.10	3.99

C. O. D. charges up to \$2.50, 20 cents; \$2.51 to \$5, 25 cents; \$5.01 to \$25, 35 cents; \$25.01 to \$50, 45 cents; \$50.01 to \$100, 55 cents; \$100.01 to \$150, 60 cents; \$150.01 to \$200, 65 cents.

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To avoid misunderstanding read these conditions of sale:

"The maintenance of prices in these unsettled times is a serious problem for anyone publishing a catalog.

"For instance, should you send an order for some item in this catalog on which the published price is no longer correct, we will notify you of the new price and make shipment only after receiving an OK from you."

We aim to give our customers the best service possible. If we make an error, tell us about it and we'll make it right. If there is any information you want in our line of business, write us (if you can't call), and we shall be glad to give it careful attention. Our various departments are in charge of experts who are able to answer intelligently almost all inquiries pertaining to horticulture, agriculture, poultry, and pet stock. Always write inquiries on a sheet separate from your order; it means quicker reply.

The attention of our customers is respectfully called to the following directions which will, if followed, be an aid to purchasers as well as to ourselves.

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IMPORTANT. Merchandise to be returned for credit must be returned within 5 days, in good order, free of expense to us.

Should you want to purchase anything needed in the garden, greenhouse, or farm, not listed in this catalog, we will gladly fill your order at the lowest market price, or quote prices if desired, if available.

ORDER EARLY. We would greatly appreciate it if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods, or when ready.

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We deliver by PARCEL POST FREE to any post office in the United States all cash orders for Flower and Vegetable Seeds in packets, ounces, and $\frac{1}{4}$ pounds, unless otherwise noted. No seed delivered free unless order is accompanied with the cash. For postage on Peas, Beans, Corn, Vegetable, and Field Seeds in larger quantities and all merchandise, consult table at left. All merchandise other than seeds, bulbs and plants, up to and including 8 ounces in weight, can be sent at the rate of 1 cent an ounce regardless of distance. Over 8 ounces at the Zone Rate.

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
GARDEN GUIDE. By 28 Authorities. Seventh Edition. 557 pages, over 300 illustrations. \$3.50, postpaid \$3.65. Every phase of gardening in connection with the home grounds is covered—from the location of the house to the final reaping of the gardener's reward in perfect flowers, fruits, vegetables, a fine lawn, shrubs and trees. Also includes every related subject the gardener should be informed upon: insects, diseases, bees, birds, fish, etc.

The Meyer Seed Co. Novelties for Your Flower Garden

Please read this particular page carefully, because it describes the newest and most improved varieties of Flower Seeds. We are sure that you will want to try most of them in your garden this season.

Flower Seeds Are Subject to Maryland Sales Tax

AGERATUM, MIDGET BLUE

301  *Silver Medal, 1940.* A dwarf, compact plant, 3 to 4 inches tall, covered with rich azure-blue flowers. Fine for edging. Pkt. 15c; large pkt. 25c.

301A **THE GOLDEN.** 20 in. Pkt. 20c; 3 pkts. 50c.

301B **DWARF WHITE.** 8 in. Pkt. 20c; 3 pkts. 50c.

301C **FAIRY PINK.** 12 in. Pkt. 20c; 3 pkts. 50c.

301D **LASSEAUXI.** 20 in. Rosy mauve. A desirable cut flower. Pkt. 20c.

ANTIRRHINUM (SNAPDRAGON)

302 **TETRA SNAPS.** Giant ruffled Tetraploid Snapdragons. The largest flowered of all Snapdragons; beautiful colors and combinations. Pkt. 25c; 2 pkts. 45c; 5 pkts. \$1.00.

303A **MAGIC CARPET.** 6 to 8 in. Very dwarf, free-flowering strain suitable for rockery or borders. A choice mixture of many colors. Pkt. 25c; 2 pkts. 45c; 5 pkts. \$1.00.

ARGEMONE

301E **PEERLESS BLEND.** The Everblooming Mexican Poppy. Pure white, cream, pale yellow, golden, blush, silvery rose and crimson. Mostly single, but a proportion will carry double, fringed flowers. Foliage often white-marbled. Pkt. 15c.

ASTERS Giants of California

304 A strain with immense flowers held erect on splendid stems. Plants grow 2½ to 3 feet tall and are generous with their flowers.

AZURE BLUE DARK PURPLE WHITE
CRIMSON DEEP ROSE

MIXED and all the colors. Pkt. 15c; large pkt. 25c.

304A **SANTA MARIA.** Double flowers over 6 inches in diameter, with long lacy white petals curling from an interlaced powdery center. These mammoth blooms are carried on stout, 2½-foot stems branching from the base. Pkt. 25c; 3 pkts. 70c.

BELLS OF IRELAND

307A 30 in. The several branching stems are closely set in elongate hyacinth fashion, with big bell-calices of pale, translucent green. Within each calyx lies a curiously formed little white flower. Needs full sun; thrives in drought. Fine for cutting; also may be dried for winter decoration. Pkt. 25c.

CACALIA

(Tassel Flower or Paint Brush)

305 Tufted tassel flowers that seem to have been dipped in paint of vivid red or golden orange. Pkt. 15c; 2 pkts. 25c.

CORAL FLOWER

305A Even the deep green, succulent foliage is decorative. Many slender, 30-inch stems bear little five-pointed stars of luminous rosy pink, in loose, alternate clusters. Then come airy, long-hanging capsules, like polished coral beads, hundreds of them on each great glowing plume of a stem. A single plant may throw 30 or more of these great, bright plumes. Effective over a three to four-month period. A good house plant, too. Pkt. 20c.

COSMOS, RADIANCE

308A The first big postwar novelty. Winner of the highest award in the 1948 All-America Trials. Radiance introduces two entirely new colors in Sensation Cosmos—striking deep rose and rich crimson in the first bicolor Cosmos ever to be developed. Pkt. 25c; 3 pkts. 70c.

DAHLBERG DAISY or GOLDEN FLEECE

309B 6 in. Sheets of aromatic gold for more than four months. No annual more profuse or continuous in bloom. By far the best edging or low bedding annual in bright yellow. Pkt. 25c.

DIANTHUS, HIGHLAND HYBRIDS

311A Magnificent strain of large-flowered hardy Pinks. Vivid colors, rich in varied shades of pink and rose. Pkts. 15c and 25c.

CHRYSANTHEMUMS ARCTIC HYBRIDS

321A Flower first season and live for years. Big, single flowers in richly varied colorings. Free blooming, extremely hardy. Pkt. 25c; 3 pkts. 70c.

322B **OLD ORCHARD GLORIES.** Particularly good. Colorful and varied. All colors; single and double. Pkt. 25c; 3 pkts. 70c.

STRAWBERRIES FROM SEED

311B **RUNNERLESS HARZLAND.** Compact plants bearing medium-size, aromatic, sweet berries all through the growing season. Sow seed very early. Will bear by August and next spring they will bear from June to frost. Pkt. 25c; 3 pkts. 70c; 5 pkts. \$1.00.

HOUSE PLANTS

309A Surprise after surprise awaits you after planting these fascinating seeds. Pkt. 25c.

IRIS AVALON BLEND

316B Includes at least a little of every Iris that our grower has in seed form, of course not in equal amounts, for some kinds are too scarce and rare for that. Nevertheless we doubt that any other Iris blend, anywhere, any time, has equaled this in quality. Pkt. 25c.

JOHNNY-JUMP-UPS

310A **DAWN SIDE STRAIN.** Wide range of color variation. Stands summer heat. Treat as annual. Pkt. 15c; 2 pkts. 25c.

SPECIAL LILY BLEND

316A Includes seeds of not less than 20 distinct kinds of good hardy Lilies, but there are likely to be many more than that. Pkt. 25c; 3 pkts. 70c.

HARDY BORDER BLEND (PEERLESS BLEND)

315B Various kinds of taller flowers suitable for the mixed hardy border; at least 100 distinct sorts. Includes many unusual perennials not yet generally known. Pkt. 25c; 3 pkts. 75c.

MARIGOLD

315A **LIMELIGHT.** African. The lightest Marigold. 20 in. Pale, creamy primrose; very double; petals incurved. Pkt. 15c; 2 pkts. 25c.

317A **AURORA.** An early-flowering African type, standing 12 to 14 inches tall. Its flowers average 3 inches in diameter and form a nearly perfect deep golden yellow ball. Deeply fringed petals. Pkt. 25c; 3 pkts. 70c.

NIEREMBERGIA

110A **PURPLE ROBE.** Blue Cup-Flower of the Andes. Can be grown in pots, window-boxes, or as edger. Deep violet-purple, cupped flowers. 8 to 10 inches high. Start seeds early. Illustrated on fourth cover page. Pkt. 25c.

PRIMULA AVALON BLEND

314B About as fine and diversified a mixture of hardy Primulas for the rock-garden as could be made up. Includes seeds of many varieties. Pkt. 25c.

THE BABY SALVIA MYCROPHYLLA

312A A rare Mexican species. The smallest and most compact of Salvias. 16 in. The plants are shaded like the upper half of an hour-glass, with olive-green foliage. The flowers are carmine suffused coral-rose; very lovely. Pkt. 25c; 3 pkts. 70c.

SOLANUM INTEGRIFOLIUM (SCARLET LOVEAPPLE)

312B This ornamental annual freely bears fruits of brightest scarlet, each about 2 inches through. May be cut for decorative use during the summer or dried for winter bouquets. Pkt. 15c.

VEGETABLE PLANTING CHART

ATTENTION! (READ STRAIGHT ACROSS)

NAME	Seed Required for 50 ft. Row	Time to Start Seed in Hotbed or Green- house	Time to Transplant Seedlings to Garden	Time to Sow Seed in Open Garden	Rows Apart (Feet)	Plants Apart in Row (Inches)	Depth of Planting (Inches)
Beans, Bush.....	1 pt.	February	April	April-May	1½-2	4	1½
Beans, Pole.....	½ pt.			May	4	36	1½-2
Beans, Lima, Bush.....	½ pt.			May 15	1½-2	4	1½-2
Beans, Lima, Pole.....	½ pt.			May 15	4	36	1½-2
Beets, Early.....	1 oz.			April	1½	4	½
Beets, Late.....	1 oz.			June-July	1½	4	½
Carrot, Early.....	½ oz.			April	1½-2	2-4	½
Carrot, Late.....	½ oz.			July-Aug.	1½-2	2-4	½
Chard, Swiss.....	1 oz.			April	1½	6-8	¾
Cress.....				April-May	1-1½	2-3	½
Dill.....		Feb.-Mar.	April 15	April	1½	4-6	½
Endive.....	¼ oz.			April	1-1½	8-12	½
Lettuce.....	¼ oz.			April	1½-2	8-12	¼
Mustard.....	1 oz.			April	1½-2	8-10	½
Onions, Sets.....	1 qt.			April	1-1½	2-3	½
Peas.....	½ pt.			April	6-8	6	2
Potato, Early.....	4-5 lbs.			April	Double Row 3	6-8	4
Radish.....	½ oz.			April		1-3	½

ALL SEASON

Artichoke, Jerusalem..	4-5 lbs.	March Feb.-Mar.	May	April	3-4	24-36	4
Broccoli.....	¼ oz.			April-May	2½-3	24	½-1
Brussels Sprouts.....	¼ oz.			April	2½-3	18-24	½
Cabbage, Early.....	¼ oz.			April	2-3	24	½
Cabbage, Late.....	¼ oz.			May	2-3	24	½
Cabbage, Savoy.....	¼ oz.			May	2-3	24	½
Cardoon.....	¼ oz.			May	3	18	½
Cauliflower.....	¼ oz.			May	2-3	15	½
Celeriac.....	¼ oz.			March	2	9	¼
Celery.....	¼ oz.			Feb.-Mar.	May-June	April	2-3
Chicory.....		Feb.-Mar.	May	April	1-2	10-12	½
Collards.....	¼ oz.			May	3	24-36	½
Corn, Sweet.....	½ pt.			May	3	24-36	1
Cucumbers.....	½ oz.			May-June	3-4	36-48	1
Eggplant.....	¼ oz.			May	3	24	½
Kale (see Broccoli above)							
Kohlrabi.....	¼ oz.			April	1½-2	8-12	½
Leek.....	½ oz.			April	1¼-2	4-6	½
Muskmelon.....	¼ oz.			May	3-4	36-48	1
Okra.....	1 oz.			April	June	May	3
Parsley.....	½ oz.	Feb.-Mar.	May	April	1	4-6	½
Parsnip.....	¼ oz.			April	1½	4	½
Peppers.....	¼ oz.			May	2	24	½
Potato, Late.....	4-5 lbs.			May-June	3	6-8	4
Pumpkins.....	½ oz.			May	4-5	36-48	1
Rutabaga.....	½ oz.			April	2½	8-12	½
Salsify.....	1 oz.			April	1½	4	½
Spinach.....	1 oz.			April	1-1½	6	½
Spinach, New Zealand.....	¼ oz.			May	3	12-18	½
Squash.....	½ roots			May-June	4-5	48-60	½
Sweet Potato.....	50 roots	March	May-June	May	3-5	14	3-4
Tomato.....	½ oz.			May	2½-3	30-36	½
Turnip.....	½ oz.			April	1½-2	3-4	½
Watermelon.....	1 oz.			May	8-10	80-90	1

PERENNIAL

Artichoke, Globe.....	½ oz.	Feb.-Mar.	May		3-4	24	½
Asparagus.....	40 plants			April	1½-3	14	4-5
Dandelion.....	½ oz.			May	1½	8-10	½
Horseradish.....	50 roots			April	2	8-12	2
Rhubarb.....	25 roots			May	2½-3	24	¾

By Permission of the American Fork & Hoe Co., Cleveland, Ohio

VEGETABLE PLANTING CHART

ATTENTION! (READ STRAIGHT ACROSS)

Degree of Hardiness	Successive Planting (Days Apart)	Days to Mature	IMPORTANT SUGGESTIONS
Tender	14 days to July	60	Early plantings can be followed by Fall vegetables. Longer bearing than above. Use poles 6-8 ft. long, plant 6 seeds per pole and later thin [to three. Cultivate as for Bush Snap Beans above. Plant and thin as for Pole Snap Beans above. Late plantings for Winter use should use turnip varieties. Before freezing, dig and store in cellar or pit. Hoe deeply and frequently—keep clean of weeds. Give plenty of water and keep soil well cultivated. Can replant until September for Fall and Winter use. Easily grown in Winter in greenhouse, hotbed or window box.
Very Tender	Season	60	
Very Tender	10 days to July	60	
Very Tender	Season		
Hardy	14 days	40-70	
Hardy		90	
Hardy	14 days	100	
Hardy		120	
Hardy	20-30 days	60-70	
Hardy	14 days to Sept.	35	
Tender	Fall use in June	100-120	Tie outer leaves over center bud when 6 to 8 inches long. Fertilize heavily—plant on rich soil and supply abundant moisture. Can be grown in window boxes in Spring. Till top soil frequently and keep free of weeds. Do best in cool weather, so plant as early as possible.
Hardy	August	70-90	
Tender	7 days	30-40	
Hardy	14 days	50-60	
Hardy	7-14 days	60	
Hardy	June for Fall	90	Apply fertilizer between rows several times during season. For Fall use long, white varieties.
Hardy	7-10 days	30	

PLANTS

Tender	14 days	5-6 mos.	Plant 3 or 4 small tubers in a hill. Winter crop may be started in May. When small sprouts begin to appear—cut large leaves off to favor sprouts. Fertilize and cultivate freely—hill up slightly as growth progresses. Leaves bunched for blanching in early Fall. Never allow plants to become checked in growth. Blanching not required—roots remain in ground until wanted. See "Vegetable Guide" for information on blanching. Then raised and transplanted in trench and covered with manure—after 4 to 5 weeks [ready for use.
Hardy		4-5 mos.	
Hardy		5-6 mos.	
Hardy		4-5 mos.	
Hardy		4-5 mos.	
Hardy		4-5 mos.	
Tender		5-6 mos.	
Tender		4-5 mos.	
Hardy		5-6 mos.	
Hardy		5-6 mos.	
Hardy	June 10 days to June	6-7 mos.	
Hardy		3-4 mos.	Stands hot weather better than cabbage or kale. Grown widely in Southern States. Deep soil and frequent cultivation makes best crop. Plant in low hills for perfect drainage while young. Grow best in well-drained, warm soil.
Tender		2-3 mos.	
Tender		2-3 mos.	
Tender		4-5 mos.	
Hardy	June May-June	2½-3 mos.	Quite hardy and does well where cauliflower cannot be grown. Plant in open furrow 5 or 6 inches deep—draw in earth as plants grow to level of garden. Plant in hills, 10 to 12 seeds, thin to 4 plants. Requires frequent cultivation until plants cover the ground. Seed germinate very slowly—mark rows with radish seeds. Better flavored if subjected to early frosts. Top-dress soil between rows when plants 6 inches high. Dig before hard freezing. Plant on hills and cultivate as for cucumbers. Pull roots before freezing, cut off tops and store in cellar. Dig roots in Fall or Winter as required. Apply nitrate of soda between rows to stimulate growth. Soak seed 2 hours in hot water. Winter squash may be planted later and stored for use in moderately warm, dry place. Dig when vines have been killed by frost. Protect from frost when first set out in garden. Crowding or weeds make poorly flavored roots. Top-dress with fertilizer high in nitrogen and potash.
Very Hardy		3-4 mos.	
Tender		3-4 mos.	
Tender		3 mos.	
Hardy		3-4 mos.	
Hardy		4-5 mos.	
Tender		4-5 mos.	
Hardy		4-5 mos.	
Tender		4-5 mos.	
Hardy		4-5 mos.	
Hardy		4-5 mos.	
Hardy		3 mos.	
Hardy		3-4 mos.	
Very Tender		2-4 mos.	
Tender	June June-July	5-6 mos.	
Tender		4-5 mos.	
Hardy		2-3 mos.	
Tender		4-5 mos.	

PLANTS

Hardy		Aug.-Sept.	If crowns get too large after two or three years—divide and reset. In northern states mulch asparagus to prevent heaving of the roots during Winter. Blanch by covering with straw or leaves. Tends to become rank weed—cultivate closely and root out volunteers. Keep blossom stalks cut back—flowers and seed exhaust plant.
Hardy		May-June	
Hardy		Sept. (1st. yr.)	
Hardy			
Hardy		2d Spring	

The Vegetable Gardens of America

VEGETABLES have a natural preference for soils of varying degrees of acidity and alkalinity. We want to help our customers with this problem by indicating after the cultural directions for each vegetable the kind of soil suitable for best results. Key A stands for alkaline; B for slightly alkaline; C for neutral and D for slightly acid.

Soil is really the controlling factor in your whole garden operation. No matter how well seeds are planted, if the soil does not contain approximately the correct amount of plant food in approximately the right proportions, the labor will be lost. Soil test kits will not give you all the answers about soil, but they will tell you more about it in ten minutes than you can guess in a lifetime.

The Sudbury Soil Test Kit

Acid-Alkaline Kit. \$1.00, postpaid \$1.12.

Home Garden Kit. \$2.50, postpaid \$2.65.

New Club Model. \$4.75, postpaid \$4.90.

The Horticultural Kit. \$12.50, postpaid \$12.75.

DeLuxe Model. \$27.50, postpaid \$27.90.

Testing Fluid for refill. Specify element.—Lime, Nitrogen Phosphorus or Potash. 2 ozs. \$1.00, postpaid \$1.10; 6 ozs. \$2.00, postpaid \$2.10; ½ oz. 40c, postpaid 50c.

Garden Guide

By 28 Authorities. 576 pages; over 300 illustrations. Seventh Edition \$3.50, postpaid \$3.65

One of the most practical and informative garden books ever published for the average home owner. Every phase of gardening in connection with the home grounds is covered—from the location of the house to the final reaping of the gardener's reward in perfect flowers, fruits, vegetables, a fine lawn, shrubs and trees. Its pages also include every related subject the gardener should be informed upon: insects, diseases, bees, birds, fish, etc.

1001 Garden Questions Answered

By Alfred C. Hottes. 3d Edition. 388 pages; 160 illus. \$3.00, postpaid \$3.15.

Broccoli

Sow 1 ounce of seed to 200 feet of row

A plant much resembling cauliflower but requires a longer season to develop, has more numerous and stiffer leaves, and heads are smaller. Treat same as cabbage. Soil A. Vitamins A, B, C, G.

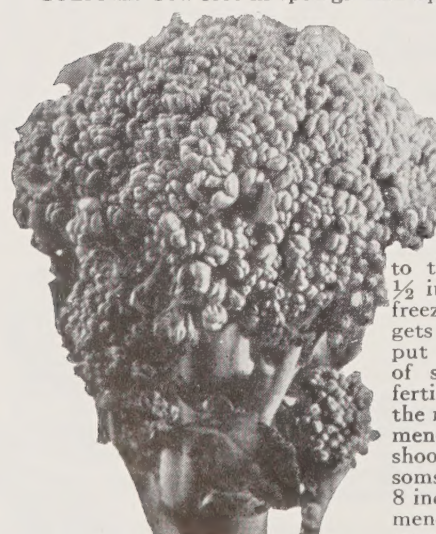
DeCicco Strain. This is the Broccoli which is served in first-class restaurants and hotels and is becoming popular on the family table. Cooked and served like cauliflower, it has a delicious flavor and is highly praised by epicures. Pkt. 10c; oz. 25c; ¼ lb. 90c; lb. \$3.00.

CULTURE. Sow seed in open ground April 1. Set plants out May 15 to June, like late cabbage, 90 days.

CALABRESE PLANTS. See page 23.

Rapa or Italian Salad. 100 days. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

CULTURE. Sow about middle of August, in rows 32 inches apart, well fertilized, using 2 pounds of seed to the acre, covering the seed ½ inch. Cultivate twice before freezing weather. As soon as it gets a little warm in February, put on a top-dressing of nitrate of soda or some quick-acting fertilizer, and cultivate. About the middle of March it will commence to stalk up, with several shoots per stalk, with green blossoms. When stalks are about 8 inches high, cutting may commence. Served like asparagus or greens, it makes a delicious and wholesome dish.



Calabrese Broccoli

VEGETABLE SEEDS ARE SALES TAX EXEMPT

Vegetable Gardening is a profitable and pleasurable occupation. There is no food in all the world that can compare with the fresh vegetables from your own garden. Our prices are the lowest, consistent with the production of quality seeds.

ARTICHOKE SEEDS, Globe. Pkt. 15c.; ½ oz. 75c.

Asparagus, Seeds and Roots

Roots ready after March 1

Sow 1 ounce of seed to 40 feet of drill; 5 pounds per acre. 7,300 Asparagus Plants are needed to plant an acre

CULTURE. Sow seed as early in spring as soil can be worked, in drills 1 foot apart, and, when well started, thin out to 3 inches apart. When 1 to 2 years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 1½ feet. Set plants in rows 3 feet apart, not less than 1½ feet apart in the row. See that roots are well spread and set at a depth of 6 inches below level of bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down, apply a dressing of coarse manure, and in the spring, fork it in. An occasional top-dressing of salt at the rate of one-half pound per square yard is also beneficial. Soil A. Vitamins A, B, C, G.

Mary Washington. This Asparagus, selected by the U. S. Department of Agriculture, Washington, D. C., has proved to be nearly rust-free. The shoots are thick, heavy, long, straight, rich dark green, with closely folded tips tinted darker. An early, heavy yielder. Shoots of exceptionally fine flavor. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

ASPARAGUS ROOTS, Two-Year-Old. See page 23.



Asparagus

Accessories for Asparagus Culture

Asparagus Buncher. Even where one has a limited amount of Asparagus to market it pays to use a Buncher. The Asparagus is quickly tied and looks uniform. With knife-guard, \$5.50. Parcel Post weight, 8 pounds.

Asparagus Knife. V-shaped blade. 35c, postpaid, 47c.

Asparagus Salt. Apply in the spring, 600 to 800 pounds per acre. For destroying weeds. 10 lbs. 35c; 50 lbs. \$1.35; 100 lbs. \$2.25.

Raffia. The ideal material for tying Asparagus. Hanks (about 1 lb.) 75c; 5 lbs. at 65c per lb.

Jute Twine. Very soft and pliable; two or three ply. Ball 35c, postpaid 47c. Special price in quantities on application.

Red Tape for tying Asparagus. No. 17. 1000 yds. \$3.25, postpaid \$3.40.

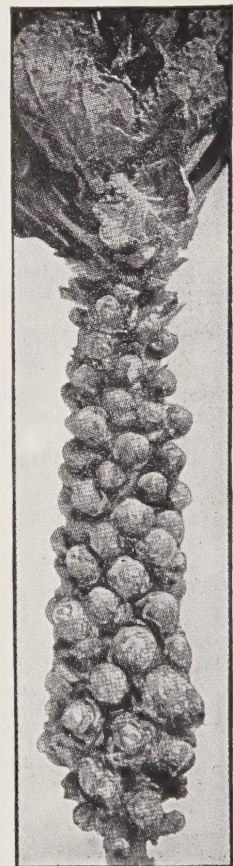
Prices subject to change

Brussels Sprouts

A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, cooked in the same way as cauliflower. Sow seed, about the middle of May, in a seed-bed, and set the plants afterwards in rows 2 feet or more apart; cultivate like cabbage. 100 days. Soil A. Vitamins A, B, C.

Improved Dwarf. Produces compact sprouts of finest quality. A good keeper. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

BRUSSELS SPROUTS PLANTS. See page 23.



Brussels Sprouts

WE PAY POSTAGE ON ALL PACKETS, OUNCES, AND ¼ POUNDS OF SEEDS. FOR LARGER QUANTITIES, CONSULT CHART ON PAGE 1

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

BEANS

All Beans weigh 60 pounds per bushel

If Beans are to be sent by Parcel Post, add 12c per pt.; 15c per qt.; 27c per 1/2pk.; 41c per pk.; \$1.31 per bus. This applies to 1st and 2d zones only. Packets sent postpaid.

Bush, Green-podded

Sow 1 quart of seed to 100 feet of drill;
2 bushels to an acre

CULTURE. Seed should not be planted before ground becomes light and warm, in favorable seasons usually about the middle of April to first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills, and covered about 2 inches deep. Successive sowings made at intervals of about 2 weeks until August 15, will give a plentiful supply of Beans all season. About 55 days. *Soil C. Vitamins B, C, G.*

Asgrow Black Valentine. Its long, straight, oval pods are of good color and texture and are completely stringless.

Bountiful. This variety has been known to bear 1 bushel of pods per 15-foot row in the course of the season. Pods average 6 inches long by 3/4 inch wide, are thick through, of pleasing light green color, very brittle, and absolutely stringless at all stages of development.

Burpee's Stringless Green-Pod. An ideal variety having round, slightly curved, fleshy, and exceedingly tender pods. Matures a few days earlier than the Giant sort.

Dwarf Horticultural or Cherry. This broad, long, flat, meaty Bean is very productive, of delicious flavor and absolutely stringless. It also makes a good dried Bean for winter.

Full Measure. Heavy, light green foliage. Very prolific. Pods 5 1/2 to 6 inches long, stringless, round, slightly curved, of very good quality.

GIANT STRINGLESS GREEN-POD. Large, handsome pods of finest quality, some fully 6 inches long; very fleshy and entirely stringless. Very productive. Specially adapted to the home-garden.

Plentiful. Black-seeded Bountiful.

Longgreen. A new stringless variety. Pods are round, straight, dark green, 7 inches long. Time to maturity, 56 days

Red Valentine. Now stringless old standby; round, slightly curved pods.

Streamliner. Ready to pick in about 50 days. This tender semi-flat pod Bean, averaging 7 to 8 inches long, bears white seed. The long pods are stringless, brittle and deliciously flavored.

Green-podded, continued

Supergreen. Stringless pods 6 to 7 inches long, slim, smooth, dark green and stringless in all stages. Matures in 58 days.

New Stringless Green-Pod or Tendergreen. Fifty-six days from planting to eating stage. Pods are 5 1/2 to 6 1/2 inches long, nearly straight, round, absolutely stringless and fiberless, fleshy, and smooth.

Topcrop. Round, stringless, deep green pods which average a little longer than Tendergreen. Sets pods well during hot weather. Mosaic and shiny pod resistant. 58 days.

Shell Beans for Winter Use

60 days

Red Kidney Beans. Bearing 6 to 7-inch, flat pods, containing 5 to 6 red kidney-shaped Beans. Used almost exclusively for baking and soup.

White Marrowfat. Planted almost exclusively for winter use, making large white, kidney-shaped Beans.

White Navy or Boston Pea Beans. Yields large quantities of white Shell Beans which are used for baking.

Bush, Yellow or Wax-podded

48 days

Cherokee Wax. A wax strain of Asgrow Black Valentine. It is in the same season and has an oval pod and the same ruggedness and productiveness. One of the outstanding characteristics of the variety is the ease with which the Beans can be picked, because it seems that the pods all hang on the outside of the plant.

Bountiful Wax. Handsome, long, flat yellow pods. Profuse bearer.

Improved Golden Wax. Small plants of erect growth, bearing flat, thick pods about 5 inches in length and of excellent quality. An early and reliable variety.

SURE-CROP STRINGLESS WAX. This is a grand Bean. Absolutely stringless and a great rust-resister. Will produce an abundance of long, yellow, flat pods. A profitable market variety and one of the best for the home-garden.

Round-Pod Kidney Wax. Vines 15 inches high. Pods are 5 inches long, round, slightly curved, stringless and deep yellow.



Longgreen Beans

Pole Lima

Sow 1 quart of seed to 100 poles

CULTURE. These require poles 8 to 10 feet long. The Beans should be planted in May if the season is suitable. Set poles 4 feet apart each way, and plant 4 to 6 Beans, about 1 inch deep, around each pole. Thin out to three plants to a pole. Lima Beans for early use may be grown in pots in frames and transplanted. About 90 days. *Soil C.*

Carpinteria. Bears an abundance of large pods filled with plump, thin-skinned, tender, fine-flavored Beans.

Dreer's Improved Challenger or Potato Lima. Beans round and thick, of delicious flavor, easy to shell. Immense cropper.

Early Leviathan. The earliest large Pole Lima. Very productive.

King of the Garden. Vigorous grower, bearing large pods, 5 to 8 inches long. Beans large and of rich flavor.

GIANT-PODDED. The largest of all Pole Limas. Pods are from 7 to 8 1/4 inches in length with a width of 1 1/2 to nearly 2 inches. The Beans are extra large and invariably of superb flavor. Vines easily attain a height of from 10 to 12 feet. The pods are produced in clusters of from 4 to 8 until killed by frost.

Sieva or Small White Lima. Butter Bean. Early and productive, a great drought resister, smaller than regular Limas, but juicy and of fine flavor.

Edible Soy Bean

Plant May 15, using Nitragin—a 10c package is enough for several quarts of seed.

Use the Beans in their green state; pour boiling water over them, then drain off and they shell very readily. If dry Beans are wanted, let them stand until the leaves drop. *Soil C.*

Bansei. This variety has produced excellent crops in different sections of the country. Green or dry, the Beans are delicious, and an excellent source of vitamins A, B and G. The plants grow 24 inches high, and are covered with pods. They do not require support. Beans are ready for use from 100 to 110 days from sowing.

	Pkt.	Pt.	Qt.	1/2pk.	Pk.
	All	bus.	on		(15 lbs.)
BEANS, BUSH, Green-podded	10	45	\$0 80	\$2 75	\$5 00
Burpee's Stringless Green-Pod.....	\$0 10	\$0 45	\$0 80	\$2 75	\$5 00
Giant Stringless Green-Pod.....	10	45	80	2 75	5 00
Bountiful.....	10	45	80	2 75	5 00
Plentiful.....	10	45	80	2 75	5 00
Full Measure.....	10	45	80	2 75	5 00
Asgrow Black Valentine.....	10	45	80	2 75	5 00
New Stringless Green-Pod (Tendergreen).....	10	45	80	2 75	5 00
Dwarf Horticultural (Cherry).....	10	55	1 00	3 00	5 50
Streamliner.....	10	45	80	2 75	5 00
Longgreen.....	10	45	80	2 75	5 00
Red Valentine.....	10	45	80	2 75	5 00
Supergreen.....	10	55	1 00	3 00	5 50
Topcrop.....	10	55	1 00	3 00	5 50
BEANS, SHELL					
White Navy (Boston Pea Bean).....	10	35	65	2 25	4 00
White Marrowfat.....	10	35	65	2 25	4 00
Red Kidney Beans.....	10	35	65	2 25	4 00
Edible Soy Bean.....	10	35	65	2 25	4 00
BEANS, BUSH, Yellow or Wax-podded					
Sure-Crop Stringless Wax.....	10	45	80	2 75	5 00
Cherokee Wax.....	10	45	80	2 75	5 00
Bountiful.....	10	45	80	2 75	5 00
Improved Golden Wax.....	10	45	80	2 75	5 00
Round-Pod Kidney Wax.....	10	50	90	3 25	6 00
BEANS, POLE LIMA					
Carpinteria.....	10	50	95	2 75	5 00
Early Leviathan.....	10	50	95	2 75	5 00
King of the Garden.....	10	50	95	2 75	5 00
Sieva (Small White Lima).....	10	35	65	2 25	4 00
Giant-podded.....	10	55	1 00	3 00	5 50
Dreer's Improved Challenger (Potato Lima).....	10	55	1 00	3 00	5 50

WHEN PLANTING SNAP AND LIMA BEANS AND PEAS IT IS IMPORTANT TO USE INOCULATING BACTERIA. SEE PAGE 25.



Fordhook Bush Lima Beans

Bush Lima Beans

Sow 1 quart of seed to 100 feet of drill

CULTURE. Seed 2 inches apart or plant in rows 2 feet apart and make hills 1 foot apart in the rows. About 75 days. Soil C. Vitamins A, B, C, G.

Burpee's Improved. Bears an abundance of thick, kidney-shaped Beans.

Burpee's. Like above, but bears flat Beans.

Fordhook. Everybody loves these delicious thick, roundish Beans of just the right shade of green. The sturdy bushes bear the pods in clusters of 4 to 6, the pods averaging 4 large Beans each.

Henderson's Dwarf. Popular Baby Lima. Its flavor is excellent.

FOR A BUMPER CROP, USE NITRAGIN ON ALL BEANS. See page 25.

BUSH LIMA BEANS

PEERLESS (U. S. 243).

A dwarf Fordhook type introduced for 1948 by the U. S. Dept. of Agriculture, developed from a cross of Fordhook and Henderson's Bush. Small plant. Gray-green foliage; pods similar to Fordhook. Seeds about half-way in shape and size between Henderson and Fordhook. Excellent for freezing.

Fordhook 242. Similar to the regular Fordhook, but more open in growth; pods shorter, curved, containing 3 to 4 slightly smaller Beans, but of same quality and color. Superior under adverse growing conditions. Will not displace regular Fordhooks.

Baby Fordhook. Matures in about 70 days. Stocky bush; big root system; bears green-seeded, thick potato type Limas. Stands cold and wet, also extreme heat. Very prolific.

Broad Windsor Beans

CULTURE. Same as Bush Limas, only plant thinner. Similar to Lima Beans, but a different flavor and larger. Should be planted early (March or April), as they are very hardy. Soil C.

Pole String Beans

Green- and Wax-Podded

CULTURE. Same as Pole Lima. 70 days. **Horticultural or Pole Cherry.** Pods green, dashed with red when Beans are matured.

Kentucky Wonder or Old Homestead. It grows luxuriantly and bears for a long period. Pods are very long, very fleshy and deeply creased or saddle backed, green in color and stringless. Seed light brown.

Lazy Wife or White Cherry. Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a Snap Bean; also a good white Shell Bean for winter. One of the very finest flavored.

KENTUCKY WONDER WAX. Same as Kentucky Wonder with exception of beautiful yellow pods.

Yard-Long or Snake Beans. Produces dark green foliage and stringless green pods, often 2 to 3 feet long.

BEETS, TABLE

Sow 1 ounce of seed to 60 feet of drill; 5 pounds to an acre in drills

CULTURE. Beets like rather light soil provided it is thoroughly mixed with manure. For main crop sow in the spring as soon as ground becomes fit to work, in drills 1½ feet apart and 1 inch deep. For winter use sow as late as July. Thin out to stand 5 to 6 inches apart. About 60 days. Soil A. Vitamins B, C, G.

TALL TOP BUNCHING. This splendid Beet is nearly a perfect globe, about 10 inches around, with smooth skin free from rootlets; the flesh is a rich blood-red, nicely ringed, never stringy and always tender and sweet. Excellent for canning.

PERFECTION DETROIT DARK RED.

The ideal Beet for market gardeners. It is the darkest red and most uniform Beet ever introduced. Just the right size top for bunching and will run better than 99 per cent, extremely dark red in color without visible zones.

Crosby's Improved Egyptian. Very desirable. Fine for early market.

Detroit Dark Red. A fine early variety with globe-shaped roots of brilliant red.

Early Wonder. A very early dark red Beet similar to Crosby's Egyptian in shape. It is sweet and tender and a good variety for the home-garden.

Extra-Early Eclipse. Round root. Small top.

Early Blood Turnip. Old standby.

Cow Beets • Mangel-Wurzels

Used for feeding cattle. Sow 5 pounds per acre

CULTURE. Sow in April and May in thoroughly plowed, well-manured soil, in drills 2 inches deep and about 18 inches apart. Thin out to 12 inches. Low ground is best adapted for Mangel-Wurzels. 100 days. Soil A.

Golden Tankard. Large, yellow, excellent.

Mammoth Long Red. Immense; long; red.

WE PAY POSTAGE ON ALL PACKETS, OUNCES, AND ¼ POUNDS OF SEEDS.



Perfection Detroit Dark Red Beets

BEANS, BUSH LIMA					
	Pkt.	Pt.	Qt.	½pk.	Pk.
Fordhook.....	\$0 10	\$0 55	\$1 00	\$3 00	\$5 50
Fordhook 242.....	10	55	1 00	3 00	5 50
Peerless (U. S. 243).....	10	55	1 00	3 00	5 50
Burpee's Improved.....	10	55	1 00	3 00	5 50
Burpee's.....	10	55	1 00	3 00	5 50
Henderson's Dwarf.....	10	40	75	2 50	4 50
Baby Fordhook.....	10	45	80	2 75	5 00
BEANS, ENGLISH or BROAD WINDSOR.....	10	50	95		
BEANS, POLE STRING					
Kentucky Wonder Wax.....	10	60	1 15	3 75	7 00
Lazy Wife or White Cherry.....	10	60	1 15	2 75	5 00
Kentucky Wonder (Old Homestead).....	10	60	1 15	2 75	5 00
Horticultural (Pole Cherry).....	10	60	1 15	2 75	5 00
Yard-Long (Snake Beans)..... Oz. 25c.	10				
BEETS, COW (Mangel-Wurzel)					
Mammoth Long Red.....		Oz. \$0 15	¼lb. \$0 35	Lb. \$1 10	
Golden Tankard.....		15	35	1 10	
BEETS, TABLE					
Perfection Detroit Dark Red.....	Pkt. \$0 10	Oz. \$0 15	¼lb. \$0 50	Lb. \$1 50	
Tall Top Bunching.....	10	15	50	1 50	
Detroit Dark Red.....	10	15	50	1 50	
Early Wonder.....	10	15	50	1 50	
Crosby's Improved Egyptian.....	10	15	50	1 50	
Extra-Early Eclipse.....	10	15	50	1 50	
Early Blood Turnip.....	10	15	50	1 50	

Larger quantities quoted on request. All Beans weigh 60 lbs. per bus.

CARROT

Sow 1 ounce of seed to 100 feet of row; 2 or 3 pounds to an acre

CULTURE. Good crops may be obtained from ordinary garden soil. For early use, seed may be sown in hotbeds from January until March, and in the open ground as soon as the weather becomes warm and settled, usually in April. Sow seed ½ inch deep, in rows 15 inches apart, and later thin to 5 inches apart in the rows. Sow from July 1 to 15 for winter crops. 65 days. Soil A. Vitamins A, B, C, G.

California Bunching. Tops small; roots bright orange, 8 inches long, and almost cylindrical.

Chantenay. Regular stock.

Danvers or Half-Long Orange. Owing to its enormous yield, this is one of the most profitable for main crop. It is somewhat longer than Chantenay.

Improved Long Orange. Eleven to 12 inches long, 2¾ inches in diameter, tapered to a point; deep orange. Heavy yielder.

CHANTENAY LONG TYPE. An exceptionally valuable variety for market gardeners. The color is appealing, rich deep solid orange throughout. Roots are 7 to 8 inches long, tapering slightly. Tops just long enough to bunch well. Very prolific, brittle, tender; sweet delicate flavor.

Streamlined. Roots long, slender, cylindrical. Flesh rich orange, indistinct core, fine-grained, tender, and of excellent quality.

Nantes. Six to 7 inches long and 1¼ inches in diameter; stump rooted, orange throughout. Fine quality.

Oxheart or Guerande. A short, thick Carrot not exceeding 4 inches in length, and about the same in width, which does quite well on hard, heavy soils.

Red-cored Chantenay. A little more stump-rooted than its famous parent, Chantenay. Deep orange-red core.

CORN SALAD

Sow 3 ounces of seed to 100 feet of row

CULTURE. Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Will do well if sown in spring. 45 days. Vitamins A, B, C, G.



Chantenay Carrots

CELERY

One ounce of seed will produce about 2000 plants

CULTURE. Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 to 6 inches high, transplant 6 inches apart in the rows. Blanch by earthing up. 125 days. Soil A. Vitamins A, B, C.

Easy Blanching. For early use. As self-blanching as White Plume, and simply needs a slight earthing up.

Cornell 19. Early, vigorous, self-blanching, and resistant to fusarium yellows. Plant 20 to 23 inches tall, with thick heart and rounded, fairly smooth, fleshy stalks. Combines the high quality of Utah with the self-blanching characteristics of Golden Self-blanching. Highly recommended as a main-crop variety for all Celery-growing regions and as a midwinter crop in Florida. 120 days.

Giant Pascal. Fancy green. Thick, solid, heavy stalk and a large heart. It is a close, compact grower, and when blanched is a creamy white color.

Golden Heart. A showy sort. Solid, of fine flavor, and a good keeper.

Golden Self-blanching. American strain. Crisp, delicious, nutty flavor, and absence of strings make our Golden Self-blanching a real delicacy. The stalks are broad, thick and heavy, and easily blanch to a rich, appetizing golden yellow. One of the easiest Celeries to grow, for it blanches with much less earthing up than most sorts.

Utah Tall Green. An early full-hearted green type of wonderful flavor and without stringiness. Stems thick, solid and fully rounded.

White Plume. Unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.

Flavoring Celery. For culinary purposes.

CRESS

Vitamins A, B, C, G

Curled Cress or Pepper Grass. Sow in early spring in rows 2 feet apart and repeat often as it runs to seed very quickly. 40 days. Broad or narrow leaf.

Upland Cress. The perennial variety. Stays green all year. 60 days.



Golden Self-blanching Celery

Water-Cress. Sow early in spring near pond or running water; when established will last for years. 50 days. Seed very scarce.

CELERY PLANTS. See page 23.

Celeriac

Giant Prague. This is unquestionably the largest and best Celeriac ever introduced. Very large, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent.

Chervil

Used as a salad seasoner.

Dandelion

Vitamins A, C

Improved Thick-leaved. Perennial.

1001 Garden Questions Answered

By Alfred C. Hottes. 3d Edition. 388 pages; 160 illus. \$3.00, postpaid \$3.15.

	Pkt.	Oz.	¼lb.	Lb.
CARROTS				
Chantenay Long Type.....	\$0 10	\$0 20	\$0 55	\$1 75
Red-Cored Chantenay.....	10	20	55	1 75
Streamlined.....	10	20	55	1 75
Chantenay.....	10	20	55	1 75
California Bunching.....	10	20	55	1 75
Danvers (Half-Long Orange Carrot).....	10	20	55	1 75
Oxheart (Guerande).....	10	20	55	1 75
Nantes.....	10	20	60	2 00
Improved Long Orange.....	10	20	55	1 75
CELERY	Pkt.	½oz.		
Golden Self-blanching.....	\$0 10	\$0 40	\$0 75	\$2 25
Cornell 19.....	10	40	75	2 25
Utah Tall Green.....	10	30	50	1 75
White Plume.....	10	30	50	1 75
Giant Pascal.....	10	30	50	1 75
Golden Heart.....	10	30	50	1 75
Easy Blanching.....	10	30	50	1 75
Flavoring Celery.....			10	35
CELERIAC				
Giant Prague.....	10	30	50	1 75
CORN SALAD	10		30	1 00
CRESS, Curled or Pepper Grass	10		25	75
Water.....	20	1 00		
Upland.....	10		25	75
CHERVIL	15			
DANDELION, Imp. Thick-leaved	15	40	75	



Golden Acre Cabbage

Swiss Chard or Spinach Beet

Sow 1 ounce of seed to 60 feet of drill

CULTURE. Swiss Chard is a Beet grown for its leaves. The midribs and leaves when boiled make delicious "greens." Sown in the spring, the leaves are soon ready to eat and will grow all summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring. 35 days. *Soil A. Vitamins A, B, C, G.*

Fordhook Giant. Leaves broad, upright in growth, and very dark green, crumpled or savoyed, with broad, white midrib.

Giant Lucullus. Upright plants with curly light green leaves of mild flavor. A heavy yielder.

Rhubarb. A Chard of unique crimson color. Stalks are sweet and succulent, bright red in color. Leaves green to bronze.

Collards

CULTURE like cabbage. The lower leaves, pulled off and used same as cabbage sprouts and kale, are delicious. 80 days. *Soil A. Vitamins A, B, C, G.*

Vates. A recent introduction with open head, green ribs and waxy bloom. Hardy, medium tall; preferred by truckers.

Cabbage. Hardy and grows on the poorest soils. White and crisp as a cabbage. Medium tall.

Georgia or Southern. Stands cold weather and adverse conditions splendidly. Grows on poor land. Tall.

CABBAGE PLANTS, Page 23

CABBAGE

CHOICE SURE-HEADING SEED

One ounce will produce about 2,500 plants; ¼ pound for transplanting an acre

CULTURE. Sow seed in January or February in hotbeds, and transplant latter part of April or early in May to open ground; or an early sowing in open ground can be made as soon as weather will permit. Set plants 1 to 1½ feet apart in the row. For second-early, sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant in the same ground two years in succession. *Soil A. Vitamins B, C, G.* We pay postage on packets, ounces, and ¼ pounds. For larger quantities consult chart on page 1.

Early Pointed-Head Varieties

About 75 days

Early Jersey Wakefield. A fine oblong-shaped Cabbage. Head is solid, there being very few outside leaves.

Charleston Wakefield. Resembles the Early Wakefield, but later and larger.

Early Round and Flathead Varieties

About 90 days

Early Flat Dutch. A dwarf-growing type, principally used for early summer.

GOLDEN ACRE. An extra-early strain of Copenhagen Market, maturing about 10 days earlier. It will mature heads measuring 9 inches in diameter, with a uniform weight of 5 pounds, in 80 days from time of sowing. Height of stalk is 2 inches and entire plant consists of 13 leaves, allowing close planting.

Second-Early Varieties

About 100 days

Copenhagen Market. Large, globe-shaped, solid head which comes into market along with Charleston Wakefield. Our seed comes direct from the originator. Makes few loose leaves. A vigorous grower and excellent keeper.

Succession. A large, solid, roundish flat-headed sort with few outer leaves. One of the best varieties to follow Large Charleston Wakefield.

We pay postage on all seeds in packets, ounces, and ¼ pounds. For larger quantities, consult chart on page 1.



Charleston Wakefield Cabbage

Late or Winter Varieties

About 110 days

Savoy Chieftain. 90 days. (All-America Award, 1938.) Flattened globe; very curly; outstanding quality.

American Drumhead Savoy. A beautifully crimped-leaved, deep glossy green sort. The head is almost round.

Danish Ballhead. An elegant, medium-late variety. Round and compact.

Late Flat Dutch. (Improved Strain.) This has been selected especially for our trade, and seed was taken from the finest type of heads selected for solidity and uniformity.

Red Dutch Drumhead. A red variety used extensively for its good qualities.

Yellows-Resistant Varieties

Bred and grown in Wisconsin for their wilt- and yellows-resisting qualities, these varieties will also do better under hot, dry, and unfavorable weather conditions.

Jersey Queen. The yellows-resistant Jersey Wakefield.

Golden Acre. Described in second column.

Marion Market. Like Copenhagen but larger.

Copenhagen Market. Described in second column.

All Seasons. A very large head, flat and solid. It is valuable for summer or winter use.

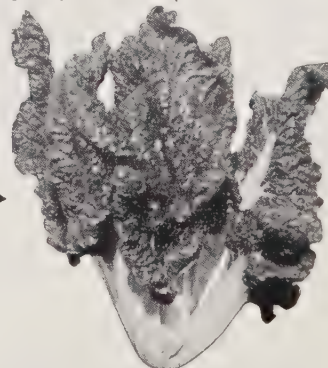
CHINESE CABBAGE

Grow like late Cabbage, planting in July, as early plantings run quickly to seed. It has a mild flavor and may be eaten raw or as a salad, or cooked. 70 days. *Soil A. Vitamins A, B, C, G.*

Chihili or Improved Pekin. Slender, well blanched.

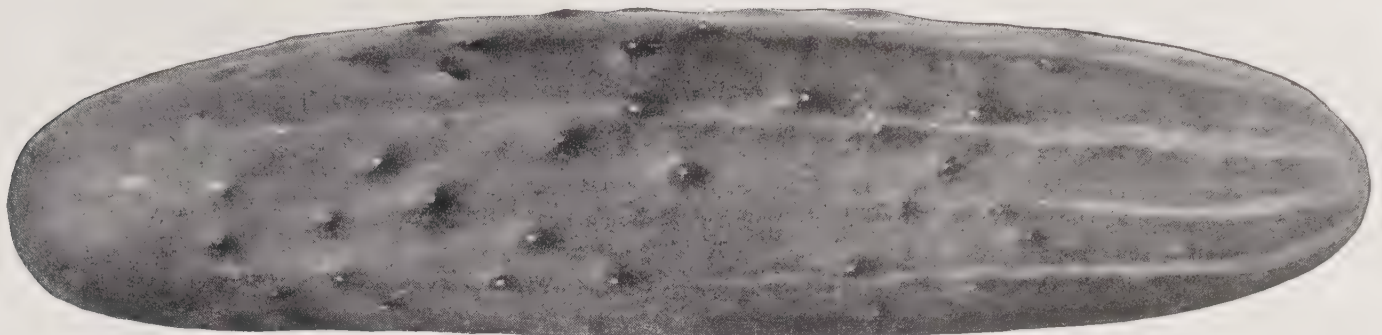
Pe-Tsai. Slender; green.

Wong Bok. Short and thick; well blanched



Giant
Lucullus
Swiss
Chard

	Pkt.	Oz.	¼lb.	Lb.
CABBAGE, EARLY POINTED-HEAD				
Early Jersey Wakefield.....	\$0 10	\$0 25	\$0 75	\$2 50
Charleston Wakefield.....	10	25	0 75	2 50
CABBAGE, EARLY ROUND AND FLATHEAD				
Golden Acre.....	10	30	1 00	3 50
Early Flat Dutch.....	10	25	75	2 50
CABBAGE, SECOND-EARLY				
Succession.....	10	25	75	2 50
Copenhagen Market.....	10	30	90	3 00
CABBAGE, LATE OR WINTER				
Savoy Chieftain.....	10	30	1 00	3 50
American Drumhead Savoy.....	10	30	90	3 00
Red Dutch Drumhead.....	10	50	1 50	5 00
Late Flat Dutch.....	10	25	75	2 50
Danish Ballhead.....	10	30	90	3 00
CABBAGE, YELLOWS-RESISTANT				
Copenhagen Market.....	10	40	1 25	4 00
Jersey Queen.....	10	40	1 25	4 00
Marion Market.....	10	30	1 00	3 50
All Seasons.....	10	30	1 00	3 50
Golden Acre.....	10	30	1 00	3 50
CABBAGE, CHINESE, Chihili or Improved Pekin				
Pe-Tsai.....	10	20	60	2 00
Wong Bok.....	10	20	60	2 00
CHARD, SWISS (Spinach Beet)				
Giant Lucullus.....	10	15	40	1 25
Fordhook Giant.....	10	15	40	1 25
Rhubarb.....	15	50		
COLLARDS				
Vates.....	10	15	40	1 25
Cabbage.....	10	15	30	1 00
Georgia.....	10	15	30	1 00



Marketer Cucumber

CUCUMBER

One ounce of seed will plant 50 hills;
2 pounds, an acre

CULTURE. Sow seed after danger of frost is past, using eight to ten seeds to hills spaced 3 to 5 feet apart. About 60 days. *Soil B.* Vitamins A, B, C, G.

A & C, 60 Days. Vines healthy, robust and resistant to disease, producing white-spined Cucumbers about 10 inches long.

Boston Pickle. Productive and "green" better than any other to "hold color." Black spined.

Clark's Special. This main-crop variety holds its color and firmness in distance shipping. Its quality is excellent. Attractive deep green in color, uniform in length (8 to 10 inches), very smooth.

Early Fortune. A great favorite with our Anne Arundel County farmers for its early maturity, productiveness, uniformity in large size, and dark green color.

English Forcing Telegraph. These are ideal for growing under glass. They produce enormous fruits, generally 1½ to 2 feet long and 3 inches in diameter.

Colorado. Slender, dark green. Vigorous, productive. The finest slicing Cucumber.

Improved Long Green. Long and crisp. A popular and reliable variety for pickles. 75 days.

Marketer. Because of the fine fruit and exceptionally heavy crop, Marketer is rapidly becoming the outstanding favorite with growers of quality Cucumbers. Fruits measure 8 to 10 inches long, are slender, and beautiful deep green. Genuine originator's stock.

Hybrid Cucumber. Outyields open-pollinated varieties; on account of its long bearing period, it will produce long after others have ceased. It is of the white spine type, with handsome dark green fruit 8 inches long or more and up to 2½ inches thick. The white flesh of excellent quality makes it the ideal slicing Cucumber. Pkt. (about 35 seeds) 25c; 5 pkts. \$1.00.

National Pickling. Fruit straight, with blunt ends, black-spined, deep green. High yielder. 56 days.

Straight 8. Attractive dark green Cucumbers of symmetrical form, 8 to 9 inches long, and of the highest quality.

New Klondike. Similar to Early Fortune.

Small Gherkin or Burr. Used only for pickling while young and tender.

We pay postage on packets, ounce, and ¼ pounds. For larger quantities, see chart on page 1.

CHICORY

Vitamins B, G

Large-rooted. The roots are dried and ground and used for flavoring or to mix with coffee. It can also be served like salsify. 100 days. *Soil B.*

Witloof. French Endive. Every garden should have a row of this, and we feel sure that every amateur or experienced gardener will be pleased with the results. It is eaten raw as a salad, and is also sometimes cooked like endive. 110 days.

FIELD CORN 56 lbs. per bus.

Boone County White.
Collier's Excelsior. White.
Eureka White Ensilage.
Collier's Success. Yellow.
Golden Beauty.
Lancaster County Sure-Crop. Yellow.
Maryland Yellow Dent.
Yellow Leaming.

All above White varieties, \$6.00 per bus.
All above Yellow varieties, \$5.50 per bus.

Certified Hybrid Yellow Field Corn

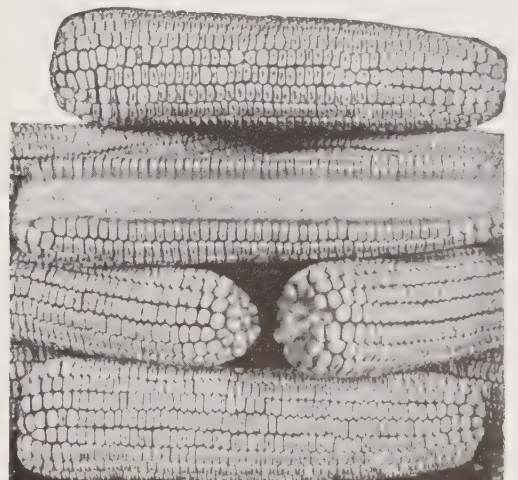
U. S. 13. Probably the most interesting thing that can be said about this Hybrid is that it is still the most popular in this territory, by a very wide margin. Our sales of U. S. 13 continue to exceed all other Hybrids combined. In making this statement, we are merely presenting the facts. Its popularity stems from the fact that it meets the fancy and requirements of a majority of farmers. For example, relatively few farmers desire either an early or a late-maturing Corn. Nor do they want either a very large or very small fodder or ear, or a hard or soft kernel. This variety is "medium" in all respects, hence yields well in a wide range of soil fertility and weather conditions. Kernels are deep and rich golden yellow. Ears usually longer than husks, making it easy to husk. As a rule ears are well down on the stalk, which is a very distinct advantage at time of harvesting the crop. Matures in 110 to 115 days.

Iowa 939 Hybrid. Wide adaptation. Moderately long ear of medium indentation, deep yellow grain; medium-sized stalks. Matures in 90 days.

POP-CORN

South American Yellow Giant. Makes large, white, beautiful puffs.

Prices on larger quantities on request



U. S. 13 Field Corn

Postage on Corn extra: qt. 15c; pk. 40c; bus. \$1.23

CORN, FIELD, HYBRID, and POP			
	Qt.	Pk.	
Eureka White Ensilage.....	\$0 30	\$1 75	
Boone County White.....	30	1 75	
Collier's Excelsior.....	25	1 50	
Lancaster County Sure-Crop.....	25	1 50	
Collier's Success.....	25	1 50	
Yellow Leaming.....	25	1 50	
Golden Beauty.....	25	1 50	
Maryland Yellow Dent.....	25	1 50	
Cert. U. S. 13.....	Bus. \$8.50	45	2 50
Iowa 939 Hybrid.....	Bus. \$8.50		2 50

POP-CORN		Prices subject to change	Lb.
South American Yellow Giant.....			\$0 25

CUCUMBER				
	Pkt.	Oz.	¼lb.	Lb.
Marketer.....	\$0 10	\$0 25	\$0 75	\$2 00
Colorado.....	10	25	75	2 00
Straight 8.....	10	25	75	2 00
A & C, 60 Days.....	10	25	75	2 00
Clark's Special.....	10	20	50	1 50
Early Fortune.....	10	20	50	1 50
New Klondike.....	10	20	50	1 50
Improved Long Green.....	10	20	60	1 75
Boston Pickle.....	10	20	50	1 50
National Pickling.....	10	20	50	1 50
Small Gherkin (Burr).....	10	25	75	2 50
English Forcing Telegraph. Pkt. of 12 seeds 25c; 100 seeds \$1.25.				

CHICORY			Pkt.	Oz.
Witloof (French Endive).....			\$0 15	\$0 50
Large-rooted.....			15	50

CAULIFLOWER

Packets, ounces, 1/4 pounds and pounds, postpaid. For larger quantities consult chart on page 1.

One ounce of seed will produce 1500 plants

CULTURE. Sow seed in hotbeds or window-boxes in February or March and transplant in coldframes. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set 2 feet apart in the row. About 90 days. Soil A. Vitamins A, B, C, G.

Dry Weather or Danish Giant. The great drought-resisting variety. The heads are large, snow-white and protected with a liberal growth of foliage. The ideal variety to plant for summer use.

EARLY SNOWBALL. Extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hotbed culture.

CAULIFLOWER PLANTS. See page 23.

Cardoon

Grown for its stalks, which make a delicious vegetable. Vitamins A, B, C, G.

Celtuce (Burpee's)

A Chinese vegetable, easy to grow and very palatable. Grow like lettuce. The young leaves may be eaten like a salad and the raw stalks like celery or carrots. The cooked stalks have a pleasing taste. Soil A. Vitamins A, B, C, G.



Early Snowball Cauliflower



Golden Cross Bantam Corn

SWEET or SUGAR CORN

One quart of seed will plant 200 hills; 8 quarts in hills to acre

Sugar Corn varies in weight according to variety. We have decided to list 44 pounds as a bushel, except Adams and Trucker's Favorite, which weigh 56 pounds to bushel.

CULTURE. The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills, covering about 1/2 inch and thin out to 3 plants to a hill. Extra-early varieties can be planted 1 1/2 feet apart in the row. The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill. From 65 to 90 days. Soil B. Vitamins A, B, C.

NOTICE

For the convenience of our customers, we have marked 5 of the best varieties, as they mature in succession. No. 1 is the earliest and No. 5 the latest.

No. 1. Golden Bantam. An extremely early true Sugar Corn. The grain when ripe is a bright golden yellow; flavor is exceptionally rich and sugary. Produces 2 or 3 good ears to the stalk.

No. 2. Whipple's Early White. Matures in 65 days. Large ears of pearly whiteness.

No. 3. EARLY EVERGREEN. The large, uniform ears are well filled to the tip with beautiful white kernels. Splendid sort for market and home-garden, being 10 to 12 days earlier than Stowell's Evergreen. Keeps well after being cut.

No. 4. Country Gentleman or Shoe-Peg. A short-stalked, productive sort. Ears large for so small a stalk; grain narrow, very deep, of excellent quality.

No. 5. Stowell's Evergreen. The ears are large. Grains are deep and sugary.

Howling Mob. An early Sugar Corn with fine, large ears. Excellent for truckers or the home gardener.

The Vanguard. Large-eared white Sweet Corn of excellent table quality. Matures in 65 to 70 days.

Golden Giant. A cross between Golden Bantam and Howling Mob. Ears 6 1/2 inches long.

Black Mexican. An old favorite. Very tender and sweet.

Early Adams. Stalks 3 to 4 feet high with ears set within 6 inches of ground. Not a Sugar Corn but a decided acquisition so early in the season.

Blands Early. This is the earliest of all Corn.

Trucker's Favorite. A late variety of Adams type. Suitable for table or stock. Ears very large, 14- or 16-rowed.

Stowell's Hybrid. Deep narrow kernels on ears 7 1/2 inches long. Very sweet.

Country Gentleman Hybrid. Ears 8 inches long, on a 7-foot plant.

Golden Cross Bantam. Has 8-inch ears with 10 to 14 rows of delicious golden yellow kernels. The sturdy stalks grow 6 to 6 1/2 feet high. Matures in 80 days.

Ioana. (Hybrid). Ears 8 1/2 inches long, with 12 to 16 rows of light yellow kernels of excellent quality. Uniform. Stalk 7 to 7 1/2 feet high. High-yielding. 90 days.

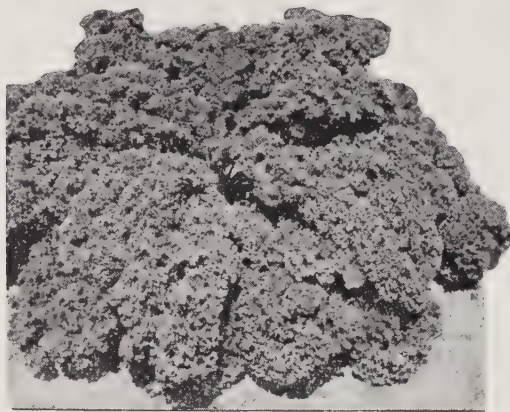
Lincoln. (Hybrid). Ears 8 inches long, with 14 to 16 rows of yellow kernels of good quality. Stalk 6 1/2 to 7 feet tall; resists lodging; ears borne high. Primarily for market gardeners wanting large early ears. Good yielder. 82 days.

Goldrush Hybrid. Its earliness and beautiful ears are almost unbelievable. The sturdy stalks are 6 feet tall, most stalks producing 2 ears 8 1/2 inches long, 12 to 14 rowed, well filled. Kernel most attractive, yellow, tender, sweet; fine quality and flavor. Matures in 69 days.

Prices on bus. lots of Sugar Corn on request

POSTAGE ON SUGAR CORN EXTRA:
Pt. 12c; qt. 15c; 1/2pk. 23c; pk. 33c; bus. 99c, up to 2d zone only. For other zones consult chart on page 1.

CAULIFLOWER		Pkt.	1/2oz.	Oz.		
Early Snowball	25c and	\$0 50	\$1 25	\$2 00		
Dry Weather (Danish Giant)	25c and	50	1 25	2 00		
CARDOON		10		50		
CELTUCE		15	1/4oz.	1/2oz.		
			\$0 30	\$0 50		
				\$0 90		
CORN, SUGAR or SWEET		Pkt.	Pt.	Qt.	1/2pk.	Pk.
			All bus. prices on request			
No. 1—Golden Bantam	\$0 10	\$0 40	\$0 75	\$2 25	\$4 00	
No. 2—Whipple's Early White	10	40	75	2 25	4 00	
No. 3—Early Evergreen	10	40	75	2 25	4 00	
No. 4—Country Gentleman (Shoe-Peg)	10	40	75	2 25	4 00	
No. 5—Stowell's Evergreen	10	40	75	2 25	4 00	
Golden Giant	10	40	75	2 25	4 00	
The Vanguard	10	40	75	2 25	4 00	
Black Mexican	10	40	75			
Howling Mob	10	40	75	2 25	4 00	
Stowell's Hybrid	10	60	1 15	3 25	6 00	
Country Gentleman Hybrid	10	60	1 15	3 25	6 00	
Golden Cross Bantam	10	60	1 15	3 25	6 00	
Lincoln Hybrid	10	60	1 15	3 25	6 00	
Ioana Hybrid	10	60	1 15	3 25	6 00	
Gold Rush Hybrid	1/2pt. 40c	10	75	1 25	4 00	7 50
Blands Early	10	30	55	2 00	3 50	
Early Adams	10	30	55	2 00	3 50	
Trucker's Favorite	10	30	55	2 00	3 50	



Long-standing Curled Kale

KALE

Vitamins A, B, C, G

Dwarf German.
Long-standing Curled. The leaves are very crimped and a dark green.
Siberian. Similar to above. Very hardy.
Spring. A hardy, quick-growing, smooth-leaved variety. Sow at intervals of 10 days, so as always to have it young and tender. 30 days.

BORECOLE

Scotch Kale

For Plants, see page 23

Sow 1 ounce of seed to about 100 feet of drill; 2 to 3 pounds to the acre

CULTURE. May be sown from May to September and is not harmed by cold weather. Plants should be about 18 inches apart, in rows 2½ feet apart. Soil B. Vitamins A, B, C, G.

Dwarf Blue Scotch, Extra Curled. This Kale is of a dark bluish green color, which it retains without yellowing, even after several days of transportation, thus commanding a higher price when put on the market. It attains a large size and produces a great mass of foliage. In addition it is very hardy and passes the severest winter without being harmed.

Dwarf Green Curled Scotch or Norfolk. One of the most popular shipping sorts. Very largely used in Norfolk trucking district.

Hardy Winter. Grows 1½ feet high with an abundance of beautiful light green leaves which are densely curled and crumpled. Besides being very hardy it possesses the advantage of all other varieties in forcing a second crop of moss-curved leaves as soon as the first ones are gone. This new growth is of the finest quality and is ready for market during the winter and early spring months, when it demands fancy prices.

Tall Scotch. Best for summer. Very spreading, nicely curled and hardy; frost improves it.



White Vienna Kohlrabi

KOHLRABI

Sow 1 ounce to 150 feet of drill

A favorite vegetable in Europe where it is extensively grown for table use. The bulb is formed above the ground, and, if used when young and tender, makes a most delicate dish. 50 days. Soil A. Vitamins B, C.

Earliest Purple Vienna. Same as White Vienna, except in the outside color.

White Vienna. Greenish white outside with clear white flesh.



White Boston Special

LETTUCE

CHOICE STRAINS

Sow 2 ounces of seed to 100 yards of row; 1 ounce for 2000 plants

CULTURE. Lettuce is now sown during almost all seasons of the year. For outdoor use seed can be sown in well-manured hotbeds in February and March. Transplant there or outdoors when the weather will permit—10 inches apart in the row. If the Lettuce is not to head, sow thickly and cut as desired. For best results it is well to sow only the varieties suited to the different seasons and conditions. For winter use, sow seed in September in hotbeds and follow it with other sowings for succession. 50 days. Soil A. Vitamins A, B, C, G.

All-Seasons. A heading variety. Thick leaves; large solid, yellow heads. Succeeds well at all seasons.

Bibb. Small, dark green, loose heads of excellent flavor. Should be grown in greenhouse or cool weather only.

Big Boston. Old favorite.

Iceberg. The earliest and largest header of its class; crisp and tender.

California Cream Butter. A good summer sort of reliable heading quality. Yellowish green, slightly marked with brown specks.

Early Curled Simpson. Early fine, large, loose heads, finely fringed and curled. Either white or black-seeded varieties.

Oak Leaf. A non-heading Lettuce. Leaves thick, succulent and tender, shaped like an oak leaf. Early type.

Packets, ounces, and ¼ pounds postpaid.

Grand Rapids. Excellent for forcing. Large, loose, yellowish green head of fine quality. Stands well.

Great Lakes. A summer Lettuce which stands heat and sun, and is slow to go to seed. Tender and crisp.

New York P. W. No. 55. The earliest-maturing New York, heading in 75 days from seed. No. 55 heads well in summer and early fall. Highly resistant to tipburn and slime. For home and market.

No. 847 Black-seeded New York, Wonderful or Iceberg. A very fine strain of this desirable Lettuce.

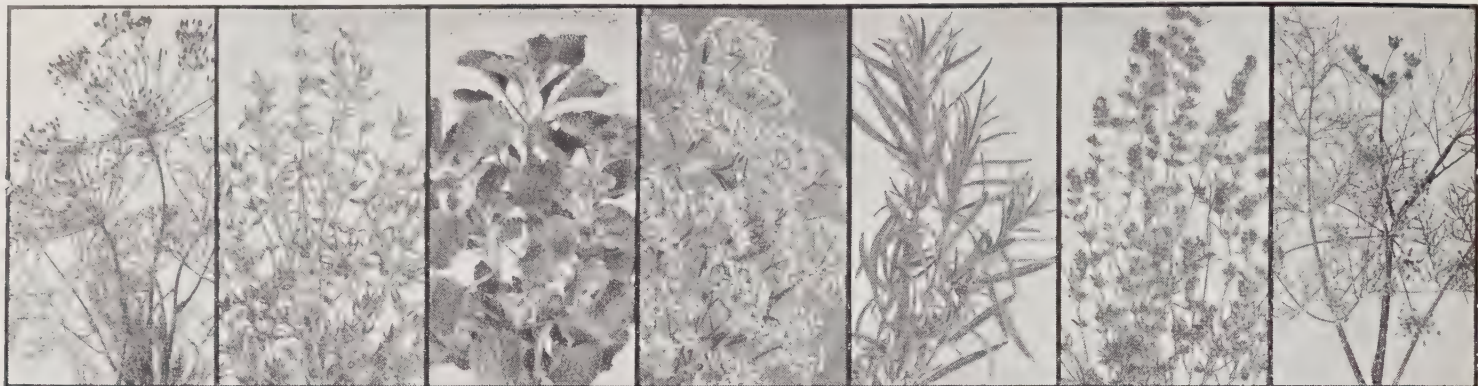
Romaine Dark Green (Dark Green Cos). Has long, narrow, upright leaves; does not head, but when tied up blanches very nicely.

Romaine, White Paris (White Paris Cos). Like above but for its color.

White Boston Special. Green-leaved Big Boston type without the red-tinged leaf-edge. An entirely dependable sort for growing in coldframes and for first field-planting in the early spring.

Chicken Lettuce. This is a non-heading Lettuce, quite different from those used for human food. The plants grow 4 feet tall before they run to seed. It is ready for cutting in 45 days after sowing. Planted extensively for feeding poultry and rabbits.

BORECOLE or SCOTCH KALE.				
	Pkt.	Oz.	¼lb.	Lb.
Hardy Winter.....	\$0 10	\$0 15	\$0 45	\$1 50
Dwarf Green Curled Scotch or Norfolk.....	10	15	45	1 50
Dwarf Blue Scotch, Extra Curled.....	10	15	45	1 50
Tall Scotch.....	10	15	45	1 50
KALE, Dwarf German.....				
Long-standing Curled.....	10	15	35	1 25
Siberian.....	10	15	35	1 25
Spring.....	10	15	25	60
KOHLRABI				
White Vienna.....	10	35	1 00	3 50
Earliest Purple Vienna.....	10	35	1 00	3 50
LETTUCE				
New York P. W. No. 55.....	10	30	90	3 25
No. 847 Black-seeded New York.....	10	30	90	3 25
Big Boston.....	10	20	50	1 75
Iceberg.....	10	20	60	2 00
Romaine (White Paris Cos).....	10	20	50	1 75
Romaine (Dark Green Cos).....	10	20	50	1 75
Grand Rapids.....	10	20	50	1 75
Bibb.....	15	50	1 50	5 00
Oak Leaf.....	10	30	90	3 25
Great Lakes.....	15	50	1 50	5 00
California Cream Butter.....	10	20	50	1 75
All-Seasons.....	10	20	50	1 75
White Boston Special.....	10	20	50	1 75
Early Curled Simpson (either white or black-seeded)...	10	20	50	1 75
Chicken Lettuce.....	10	20	60	2 00



Dill

Thyme

Horehound

Anise

Lavender

Sweet Marjoram

Fennel

EGGPLANT

One ounce will produce about 1000 plants

CULTURE. The seed needs a strong, uniform heat. Repeated sowings are sometimes necessary. 120 days. *Soil D.* *Vitamins A, B, C, G.*

Black Beauty. The earliest large variety. Fruits rich, dark purple.

New York Improved Purple. Large, smooth, deep purple fruits; flesh white, of excellent quality. Very productive.

Florida High Bush. Upstanding; bears oblong purple fruit off the ground.

EGGPLANT PLANTS. See page 23.

ENDIVE

CULTURE. Sow in March for an early crop and in July for a second one. Space the plants about 8 inches apart in rows 1½ feet apart. *Soil B.* *Vitamins A, B, C, G.*

Broad-leaved Batavian. Escarolle. Used in soups and stews. Tie up for blanching.

Green Curled. Tender and crisp.

White Curled. Self-blanching. Very tender.

Deep Heart or Improved Full Heart. Improved Batavian of upright growth with a deeper, more compact heart; earlier. Large, thick, dark green leaves, slightly curled. Medium-large head blanches to light yellow. 70 days.



Black Beauty Eggplant

HERBS, Culinary and Medicinal

CULTURE. Herbs delight in a rich, mellow soil. Sow seed early in spring in shallow drills, 1 foot apart; when up a few inches, thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly where they can dry quickly.

Anise.

Balm.

Borage.

Caraway Seeds. Used to flavor bread.

Catnip.

Coriander.

Dill. The seeds are used as a condiment and for pickling.

Fennel, Sweet.

Horehound. For medicinal purposes and flavoring.

Lavender. For flavoring and perfumery.

Martynia. The young seed-pods make excellent pickle. No supply.

Pennyroyal.

Peppermint. No supply.

Rosemary. Leaves used for seasoning.

Rue. No supply.

Sage. For seasoning and dressing.

Saffron. For medicinal and coloring purposes.

Spearmint. For flavoring. No supply.

Summer Savory. Used for flavoring.

Sweet Basil. For flavoring soups.

Sweet Marjoram. Leaves and ends of shoots used for seasoning.

Tansy. The young leaves are used for seasoning.

Thyme (Broadleaf). For seasoning, also for making tea for nervous headache.

Wormwood.

Woodruff (Asperula odorata; Waldmeister). A delightful, fragrant little herb which is used in the well-known German drink "Maitrank." No supply.

FINOCCHIO . Fennel

A delicious vegetable which is extensively used in Italy as a salad, but is particularly palatable when served boiled, with a cream dressing. When the enlargement of leaf-stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about 10 days cutting for use may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweeter taste and delicate odor. 60 days. *Soil A.*

Packets, ounces, and ¼ pounds postpaid. For larger quantities consult chart on page 1.

EGGPLANT	Pkt.	1/2oz.	Oz.	1/4lb.	Lb.
New York Improved Purple.....	\$0 10	\$0 30	\$0 50	\$1 75	\$6 00
Black Beauty.....	10	30	50	1 75	6 00
Fla. High Bush.....	10	30	50	1 75	6 00
ENDIVE					
Green Curled.....	10		15	50	1 50
White Curled.....	10		15	50	1 50
Broad-leaved Batavian.....	10		15	50	1 50
Deep Heart.....	10		15	50	1 50
HERBS					
Anise.....	15		75		
Balm.....	15				
Catnip.....	15				
Pennyroyal.....	15				
Peppermint.....					
Spearmint.....					
Borage.....	15		60		
Caraway Seeds.....	15		75		
Coriander.....	15				
Dill.....	10		15	40	1 25
Fennel, Sweet.....	10				
Tansy.....	15				
Horehound.....	15		1 25		
Lavender.....	15		2 00		
Martynia.....					
Rosemary.....	15				
Rue.....					
Sage.....	15		60		
Summer Savory.....	15		60		
Sweet Basil.....	15		50		
Sweet Marjoram.....	15		50		
Saffron.....	15				
Thyme (Broadleaf).....	15		1 00		
Wormwood.....	15		50		
Woodruff (Waldmeister).....					
FINOCCHIO (Fennel).....	10		25	75	

Some
Herbs
extremely
scarce

MUSKMELONS or CANTALOUPES

Sow 1 ounce of seed to about 50 hills; 2 to 3 pounds in hills to an acre

CULTURE. Melons do best in a light or sandy soil, but with a little labor in preparing hills they can be grown in almost any warm, sunny location. Make hills 5 feet apart each way, putting two or three shovelfuls of well-rotted manure in each hill; pack it down tight, cover it with 3 inches of fine, loose soil, making hills 1 foot in diameter. When the weather is quite warm, scatter 10 to 15 seeds thinly over the surface of the freshly made hills and cover with $\frac{1}{2}$ inch of fine soil. When the young plants are well established, thin out to the best three plants. For early use, sow in hotbed, on piece of sod or in pots. From 65 to 100 days. Soil B. Vitamins A, B, C, G.

Green-Fleshed Varieties

Baltimore Nutmeg. Large, oval, deeply netted; solid green flesh of fine quality.

Bottomly. True Anne Arundel strain. Medium size, oblong, deeply netted; green flesh and delicious flavor.

Knight. Regular stock.

Long John. A product of Anne Arundel County. It averages 8 to 10 inches in diameter, is deeply netted and ribbed; flesh green, thick, and deliciously flavored.

New Honeydew. A melon with smooth, almost white rind, measuring about 6 inches in diameter by 7 to 8 inches long. Thick green flesh of a peculiar sweet flavor, resembling a well-ripened banana.

Rocky Ford. Early. Small, oval; green flesh of excellent quality. A good shipper.

Salmon-Fleshed Varieties

Banana. The flesh (the melon is nearly solid) is of a rich salmon and is fragrant. The quality is first rate when the melon is thoroughly ripe. It grows from 20 to 28 inches in length and is very prolific.

No. 36. Hale's Best. Very early. An oval melon with heavy netting and ribs hardly apparent. Flesh exceptionally thick, firm, of fine, sweet flavor, deep salmon, with very small seed-cavity. It is ready for market in about 70 days.

Hearts of Gold. A fair-sized melon, with distinct ribs and quite heavily netted. The rich, golden flesh has a most excellent flavor and is very deep, having only a small seed-cavity. As a shipper the high quality is retained perfectly after traveling long distances.

Honeydew. Pink-fleshed, same as the green one, with the exception that the flesh is of a beautiful pink tint and highly flavored.

Pride of Wisconsin. Oval in shape, with tough, heavily netted rind. Flesh deep orange and very thick. Sweet; excellent quality.



Hearts of Gold Cantaloupe

WATERMELON

Sow 1 ounce of seed to 30 hills; 4 to 5 pounds to an acre

CULTURE. Watermelons should be planted in hills 8 to 10 feet apart. Otherwise for culture, see directions for Cantaloupes. Do not grow them near pumpkins or gourds. About 85 days. Soil B. Vitamins B, C, G.

Dixie Queen. The sparkling, crisp, rich scarlet flesh is firm, sweet, and juicy right up to the rind, which is thin but tough. It is a splendid shipper.

Dude Creek. Large, long, cylindrical. Blunt ended, 40 to 50 lbs. Hard, thin rind, white, dark green irregular stripes. Flesh bright red; solid, sweet, flavorful.

Florida Favorite. Large, long, striped melon, excellent for family garden. Rind thin, but firm; flesh very deep red and exceptionally sweet. Splendid shipper.

Florida Giant or Cannonball. An all-purpose melon good for shipping. Vigorous and prolific. Large, dark green, nearly round. Flesh bright red, crisp and sweet.

Garrison or Croaker's Special. Oblong, with dark stripes. Splendid shipper.

Golden Heart. A decided novelty in Watermelons, producing melons which have delicious yellow meat almost to the rind.

Halbert's Honey. A medium-early, home and truck-gardening sort. Large, oblong to cylindrical, dark green. Sweet, tender, crimson flesh.

Hawkesbury. Excellent market sort of fine eating quality, uniform shape, and highly resistant to fusarium wilt. Vines vigorous. Melons weigh 30 pounds or more. Light gray-green rind which is tough. Flesh red, no trace of hard centers. Black seeds.

Irish Grey. Fine for home-gardens or shipping. Thin, tough rind; the red flesh is sweet, crisp and free from stringiness.

Kleckley Sweet. Fruits large, oblong, with dark green skin and very thin, quite brittle rind. Flesh bright scarlet, with broad, solid heart, most crisp, sugary, and melting; entirely free from any stringiness.

Stone Mountain. A round melon up to 50 pounds. Dark green skin. Deep red flesh, almost all heart; very sweet. For the home-garden and near-by markets. 90 days.

Tom Watson. A large, long melon with dark green rind and light crimson flesh of excellent quality. A splendid shipper.

Leesburg. Wilt-resistant Kleckley Sweet.

Blacklee. Wilt-resistant. This oblong shipping melon is of the finest quality and an excellent keeper.

Burrell's Grey. Another fine wilt-resistant shipping melon.

CITRON. Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid; seeds red. Not used for eating in the raw state, but for preserves, pickles, etc.

WATERMELON SEED. For medicinal purposes.

It is important to use SPERGON on Cantaloupe and Watermelon seeds. See page 43.

MUSKMELONS (CANTALOUPES), Green-fleshed	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Long John.....	\$0 10	\$0 20	\$0 75	\$2 50
Bottomly.....	10	20	65	2 00
Knight.....	10	20	65	2 00
Rocky Ford.....	10	20	65	2 00
Baltimore Nutmeg.....	10	20	65	2 00
New Honeydew.....	10	20	65	2 00
MUSKMELONS (Cantaloupes), Salmon-fleshed				
Hearts of Gold.....	10	20	65	2 00
No. 36. Hale's Best.....	10	20	60	2 00
Pride of Wisconsin.....	10	20	65	2 00
Banana.....	10	20	65	2 00
Honeydew.....	10	20	65	2 00
WATERMELON				
Florida Favorite.....	10	20	50	1 50
Florida Giant or Cannonball.....	10	20	60	1 75
Dixie Queen.....	10	20	65	2 00
Stone Mountain.....	10	20	50	1 50
Golden Heart.....	10	25	60	2 00
Hawkesbury.....	10	20	60	1 75
Tom Watson.....	10	20	50	1 50
Halbert's Honey.....	10	20	50	1 50
Kleckley Sweet.....	10	20	50	1 50
Dude Creek.....	10	20	50	1 50
Garrison or Croaker's Special.....	10	25	75	2 50
Leesburg.....	10	20	60	2 00
Blacklee.....	10	25	75	2 50
Burrell's Grey.....	10	25	75	2 50
Irish Grey.....	10	20	60	1 75
WATERMELON SEED (Medicinal).....				50
Citron.....	10	20	50	1 50

LEEK

Sow 1 ounce to 150 feet of row

CULTURE. Sow seed and care for the young plants same as for onions, but they need a little more room to develop fully. When the young plants are about the size of a goose-quill, transplant into a prepared bed, 4 to 5 inches apart in the rows. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use. 85 days. *Soil B. Vitamins B, C.*

Large Musselburg. One of the hardiest and largest.

American Flag. Produces a large, thick stem and is of mild flavor.

MUSHROOM SPAWN

PURE-CULTURE (Spore Process)

The best procurable. Makes cream-colored Mushrooms. One brick will spawn 10 square feet. Brick 25c, postpaid 40c; 5 bricks \$1.00, postpaid \$1.25.

Pure Spore Culture Spawn. Bottle shape. One carton equals 5 bricks. Carton \$1.00, postpaid \$1.12.

Practical and Scientific Mushroom Culture. By L. F. Lambert. \$1.00, postpaid \$1.10.

MUSTARD

Sow 1 ounce of seed to 100 feet of drill

CULTURE. A pungent salad plant, used like cress; the white seed is also used for flavoring pickles, pepper sauce, etc. For salads, sow thickly in shallow drills 6 inches apart. As plants go to seed quickly, sowings should be made every week or two. To grow white seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high. 35 days. *Soil B. Vitamins A, B, C, G.*

Fordhook Fancy. Dark green leaves, more curled on the edges than any other sort.

Southern Giant Curled. Large, light green leaves, frilled at edges.

MUSTARD SPINACH

Tendergreen. A quick-growing variety particularly suited to the South. Leaves oblong, thick, fairly smooth, dark green with lighter green ribs; slow to seed, resistant to heat and drought; combines flavors of mustard and spinach.



Yellow Globe Danvers Onion

OKRA or GUMBO

Sow 4 ounces of seed to 40 feet of drill

CULTURE. Sow the seed thickly in rich ground about the middle of May, or, when the ground has become warm, in drills 1 inch deep; thin to 10 inches apart in drills. Grown for its green pods, which are used in soups, stews, etc. 60 days. *Soil B. Vitamins A, B, C.*

Improved Dwarf Green Prolific. Of dwarf growth but immensely productive and very early. Short, thick, green pods.

Perkins' Mammoth-podded. Pods are of unusual length (8 to 9 inches) and an intense green color. Superior for canning.

White Velvet or Lady Finger. Bears round, white, smooth pods unlike other varieties which are ridged or square edged.

Clemson Spineless. The Clemson Experiment Station introduced this newest Okra variety that was awarded the Silver Medal by the All-America judges. It is a spineless strain of Perkins' Mammoth. Produces a prodigious crop of rich, deep green, tender, straight spineless pods of uniformly fine quality. As early as Perkins. Grows 4 feet high. 60 days.

ONION SETS

32 lbs. per bus.
1 quart will plant a row about 50 feet long;
10 to 15 bushels, an acre

Used for an early crop of Onions, and should be planted just as soon as the ground can be worked. Press the bulb lightly in the ground (do not cover) in rows 1 foot apart, 2 inches apart in the row. On signs of their going to seed, bend the top over but do not break it off. Shipped on local orders about March 1, unless otherwise requested.

For Parcel Post, add 12c per pt.; 15c per qt.; 20c per ½pk.; 27c per pk.; 75c per bus.

Ebenezer. This variety is globe-shaped, about the color of a Yellow Danvers, is very solid and has a mild flavor. It will keep longer than any other variety.

Large Red Wethersfield.

White Silverskin.

Yellow Danvers.

Multiplier Onion Sets. White; and Egyptian Top Onion, brown—furnished in September and October. Market price.

Prices on Onion Sets subject to change.

Prices on larger quantities furnished on request

We pay postage on all seeds in packets, ounces, and ¼ pounds. For larger quantities, consult chart on page 1.

ONIONS

American-grown Seeds

Sow 1 ounce of seed to 100 feet of drill;
6 pounds to an acre

CULTURE. For sets, sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops dry off in the summer, remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills 1 foot apart and about 4 inches apart in the drills. The Onions obtained by this process are of large size early in the season; also can be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep in March or in early April, in strong land, well manured, and thinning them out to stand 3 to 4 inches apart in the drills. About 100 days. *Soil A. Vitamins B, C, G.*

Large Red Wethersfield. Grows to full size the first season from seed. Almost round, large, deep red, and keeps well.

Prizetaker. Flesh white, of mild and delicate flavor. Large Onions are raised the first year from seed, and with ordinary culture produce enormous crops. The Onions sometimes go over 3 pounds under good culture and the white flesh is of mild and delicate flavor.

Southport White Globe. Perfects a very handsome product within 90 days from sowing seed. The bulbs are pure white, of a very mild flavor, and splendid keepers. The flesh is remarkably firm and solid. It is an enormous yielder and as it is very attractive, always sells at high prices.

White Bermuda. They are of a mild and delicate flavor, and keep a long time. Will produce full-grown Onions from seed the same season.

White Silverskin. Ripens early; large, mild in flavor, and excellent for winter use. Much esteemed for pickling when small.

Yellow Globe Danvers. One of the most extensively used yellow Onions.

White Sweet Spanish, Riverside. Large and mild. Good keeper.

ONION PLANTS. See page 23.

Chives (Schnittlauch)

Very mild onion flavor. Used with cottage cheese and on egg omelets. *Vitamin C.*

	Pkt.	Oz.	¼lb.	Lb.
LEEK				
Large Musselburg.....	\$0 10	\$0 45	\$1 50	\$5 00
American Flag.....	10	45	1 50	5 00
MUSTARD				
Southern Giant Curled.....	10	15	40	1 25
Fordhook Fancy.....	10	20	50	1 50
Mustard Spinach, Tendergreen.....	10	15	35	1 00
OKRA (Gumbo)				
White Velvet (Lady Finger).....	10	15	35	1 00
Improved Dwarf Green Prolific.....	10	15	35	1 00
Perkins' Mammoth-podded.....	10	15	35	1 00
Clemson Spineless.....	10	15	35	1 00
ONIONS				
Prizetaker.....	10	35	1 25	4 00
Large Red Wethersfield.....	10	35	1 25	4 00
White Sweet Spanish, Riverside.....	10	35	1 25	4 00
White Silverskin.....	10	35	1 25	4 00
Southport White Globe.....	10	45	1 50	5 00
White Bermuda.....	15	75		
Yellow Globe Danvers.....	10	30	1 00	3 50
CHIVES (Schnittlauch)	15	75		
ONION SETS Write for prices on larger quantities. Prices subject to change		Qt.	½pk.	Pk.
Yellow Danvers.....	\$0 25	\$0 85	\$1 50	
Ebenezer, Yellow.....	25	85	1 50	
Large Red Wethersfield.....	25	85	1 50	
White Silverskin.....	25	85	1 50	
Multiplier, Fall delivery only.....	Market price			
Egyptian Top, Fall delivery only.....	Market price			

See Parcel Post rates on Onion Sets in middle column

PEAS Superior Hand-Picked

Nitragin—the best inoculation for Peas. See page 25

Prices on larger quantities on application

Prices on all Peas are subject to market changes

Sow 1 quart of seed to 200 feet of row; ½ to 2 bushels to an acre in drills

CULTURE. Peas succeed best in light, dry, loamy soil. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow in single or double rows, 2 to 3 feet apart, 1 inch apart in the drill, and not less than 4 inches deep; for late sorts 5 to 6 inches deep. Deep planting prevents mildew. Soil B. Vitamins A, B, C, G.

If to be sent by Parcel Post, add 12c per pt.; 15c per qt.; 27c per ½pk.; 41c per pk.; \$1.31 per bus. These rates apply up to 2d Zone only. For other Zones consult chart on page 1.

Extra-Early Varieties

Weight, 60 pounds per bushel. About 50 days

Early Bird. As early as Alaska and First and Best and as large as Thomas Laxton or Gradus. Dwarf, vigorous vines about 2 feet high, covered with immense pods filled with delicious Peas. Perfectly hardy. Can be planted as early as any variety.

Extra-Early Alaska. Popular among market gardeners for an early crop. The pods are of medium size, dark green and ripen almost at one time.

Mammoth-podded Extra Early. A very productive and extra-fine sort.

Long-podded Alaska or Bountiful. Vines 3 feet high and heavy bearers. The pods, 3 inches long, mature shortly after Alaska, and are well filled with sweet, tender Peas.

Early Wrinkled Varieties

Weight, 56 pounds per bushel. About 55 days

Early Giant. A handsome, large-podded variety for truckers or home-garden. Vines dark and heavy, 22 inches. Pods measure from 4¼ to 5 inches, dark green, and filled with large, wrinkled luscious Peas. Excellent for freezing.

Early Wonder. Extremely early, of high quality and very productive. Pods are dark, long, well filled, and handsome. Can be shipped long distances.

Gradus or Prosperity. The pods, fully as long as those of the well-known Telephone, contain very large Peas that are unexcelled for sweetness.

Laxtonian. Hundredfold strain, sometimes called Blue Bantam. Pods 3½ to 4 inches long, slightly curved. Very heavy yielder.

Laxton's Progress. Vines dwarf, 18 to 22 inches tall, dark green, prolific. Pods dark green, fully 4 inches long. 60 days.

WORLD'S RECORD. Medium-height vines with dark green, heavy foliage, bearing large, handsome, well-filled pods measuring sometimes 4 inches and longer, filled with from 8 to 12 tender, luscious Peas.

Thomas Laxton. Old stand-by.

Medium-Early Wrinkled Varieties

Weight, 56 pounds per bushel. About 60 days.

Daisy or Dwarf Telephone. The pods are well filled with large Peas of most excellent quality. The vines are 16 to 18 inches high, and, being strong and thrifty, require no support.

LITTLE MARVEL. It matures very early and produces large crops. The vines grow about 15 to 18 inches high. Pods are dark green, fair sized, produced in pairs, and are closely filled with 7 to 8 Peas of extra-fine flavor.

Nott's Excelsior. Resembling Little Marvel in habit and growth.



Little Marvel Peas



Early Bird Peas

Late Wrinkled and Edible-Podded Varieties

Weight, 56 pounds per bushel. About 70 days.

Champion of England. 4½ feet high.

Telephone. For general planting this tall-growing variety is undoubtedly the most popular among market gardeners. The pods, 4 to 4½ inches long, are light green in color and filled with large, sweet, tender Peas.

Dwarf Grey Melting Sugar. The pods as well as the Peas of this variety are edible and both very sweet. Gray Seed.

Tall White Melting Sugar. Like the dwarf, the pods as well as the Peas are eatable and both very sweet. White Seed.

Mammoth Luscious. Edible pod. Gray Seed.

Black-eyed Peas.

	Pkt.	Pt.	Qt.	½pk.	Pk.
PEAS, EXTRA-EARLY					
Early Bird.....	\$0 10	All bus. prices on request			
Long-podded Alaska (Bountiful).....	10	\$0 40	\$0 75	\$2 25	\$4 00
Mammoth-podded Extra Early.....	10	40	75	2 25	4 00
Extra-Early Alaska.....	10	40	75	2 25	4 00
		30	55	1 65	3 00
PEAS, EARLY WRINKLED					
Early Wonder.....	10	40	75	2 25	4 00
World's Record.....	10	40	75	2 25	4 00
Laxton's Progress.....	10	40	75	2 25	4 00
Laxtonian, Hundredfold strain.....	10	40	75	2 25	4 00
Thomas Laxton.....	10	40	75	2 25	4 00
Gradus (Prosperity).....	10	40	75	2 25	4 00
Early Giant.....	10	40	75	2 25	4 00
PEAS, MEDIUM-EARLY WRINKLED					
Little Marvel.....	10	40	75	2 25	4 00
Nott's Excelsior.....	10	40	75	2 25	4 00
Daisy (Dwarf Telephone).....	10	40	75	2 25	4 00
PEAS, LATE.....					
Telephone.....	10	40	75	2 25	4 00
Champion of England.....	10	40	75	2 25	4 00
PEAS, EDIBLE-PODDED					
Dwarf Grey Melting Sugar Peas.....	10	40	75	2 25	4 00
Tall White Melting Sugar Peas.....	10	40	75	2 25	4 00
Mammoth Luscious.....	10	50	95	2 75	5 00
Black-eyed Peas.....	10	35	65	2 00	



Champion Moss Curle Parsley

PARSLEY

Sow 1 ounce of seed to 150 feet of drill

CULTURE. Parsley requires rich, mellow soil. The seed is even slower than that of the parsnip in germinating and should be sown as early as possible in the spring, in drills 1 foot apart. When plants are well up, thin to 1 foot in the row; when about 3 inches high, cut off the leaves and the plant will start a new growth. 70 days. Soil A. Vitamins A, C.

Champion Moss Curled. A distinct variety of unequalled merit, perfectly hardy and vigorous.

Paramount. Very handsome; dark green; beautifully curled. Hardy and productive; very slow going to seed. It can be cut the year round.

Plain or Single. Very hardy and strongly flavored.

Turnip-rooted or Hamburg. The fleshy root is used for flavoring soups, stews, etc.

1001 Garden Questions Answered

By Alfred C. Hottes Third Edition

388 pages; 160 illus. \$3.00, postpaid \$3.15

An amazing collection of useful information for the amateur gardener wishing to plan and manage his own home grounds. Answers to all kinds of garden questions, from what to plant on the north side of the house to what time to put waterlilies in the pool, will be found in this new and vastly improved edition.

PARSNIP

Sow 1 ounce to 200 feet of drill;
5 to 6 pounds to an acre

CULTURE. Sow as early in the spring as the weather will permit, in drills 16 inches apart and 1/2 inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. 100 days. Soil B. Vitamins B, C.

All-American. Resembles Hollow Crown but roots slightly shorter, very free from side roots, uniform, with distinct hollow crown; tender and of fine flavor.

Improved Hollow Crown. A great cropper. Roots long, very smooth, white, tender, sugary, and of excellent flavor.



Improved Hollow Crown Parsnips

SWEET PEPPER, AVALON BUTTON. A miniature Sweet Pepper with button-shaped fruits that average about 2 inches wide by 1 inch thick. Just right for canning, fitting compactly into containers; a nice size, too, for salads or for pickling whole. The fruits are bright, glossy red. The meat is the thickest of any Sweet Pepper we have seen or grown—sweet, juicy, crisp and delicious. Seed cavity is small and seeds few. Pkt. 25c; 1/4oz. \$1.00.

PEPPER

One ounce of seed will produce 1000 plants

CULTURE. Sow in hotbeds in March or April, or in a warm, sheltered border in May. When the season is favorable, transplant in rows 2 feet apart and 1 1/2 feet apart in row, in good, rich ground. About 120 days. Soil C. Vitamins A, B, C.

California Wonder. While similar both in size and shape to the Chinese Giant, this Pepper is much heavier, the meat being about three times as thick. The flavor is sweet, excellent, and the keeping quality could not be better. A medium-sized Pepper will average 1/2 pound or better in weight when ready for marketing.

Chinese Giant. A real monster Pepper, perfectly sweet. The fruit is green, turning to bright scarlet. Matures very late.

Golden Dawn. Large, very sweet yellow.

Hungarian. Pale yellow turning to crimson. Very prolific.

Crimson Giant. A large Pepper of the finest quality, the flesh being so thick and tender that it can be fried like meat and so sweet that it can be eaten like an apple. It is an early variety and is a generous producer.

Perfection Pimiento. Very fleshy and sweet.

Ruby King. Good for mangoes or pickling. Large, very sweet; quite productive.

World Beater. Excellent market-gardeners' sort. Early.

Hot Varieties

Red Cherry. A small, round Pepper.

Small Chili. Small, conical pods. Very hot.

Large Bell. Large, early, hot, thick flesh.

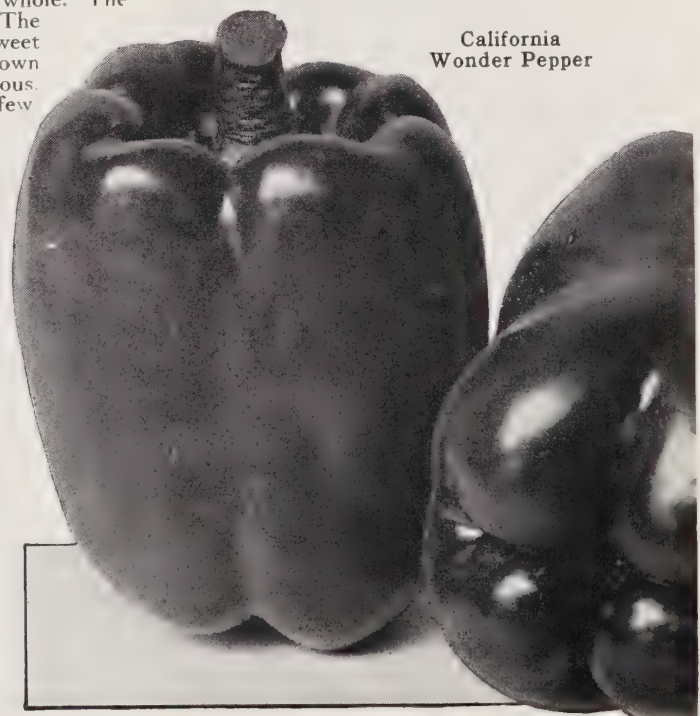
Long Red Cayenne.

Hungarian. Pale yellow turning to crimson.

PEPPER PLANTS. Listed on page 23.

IMPROVED JUMBO PEANUTS

CULTURE. Plant in May or early June, in rows about 2 1/2 to 3 feet apart, dropping the nuts 8 to 10 inches apart, one in a hill. Cover 1 or 2 inches deep. Cultivate 3 or 4 times with a cultivator, so as to loosen the earth and keep down weeds, and at the last working, with a shallow turn-plow, throw the dirt to the nuts. Special price on large quantity. Soil D.



California Wonder Pepper

PARSLEY				
	Pkt.	Oz.	1/4lb.	Lb.
Paramount.....	\$0 10	\$0 20	\$0 50	\$1 50
Champion Moss Curled.....	10	15	40	1 25
Plain (Single).....	10	20	50	1 50
Turnip-rooted (Hamburg).....	10	20	50	1 50
PARSNIP				
Improved Hollow Crown.....	10	15	40	1 25
All-American.....	10	15	40	1 25
PEANUTS, M.-S. Improved Jumbo.....				
			15	50
PEPPER				
	Pkt.	1/2oz.	Oz.	1/4lb.
California Wonder.....	\$0 10	\$0 35	\$0 60	\$2 00
Chinese Giant.....	10	35	60	2 00
Crimson Giant.....	10	30	50	1 75
Perfection Pimiento.....	10	35	60	2 00
Ruby King.....	10	30	50	1 75
World Beater.....	10	30	50	1 75
Golden Dawn.....	10	40	75	
Large Bell Hot.....	10	30	50	1 75
Long Red Cayenne.....	10	30	50	1 75
Small Chili.....	10	30	50	1 75
Red Cherry.....	10	40	75	
Hungarian, Hot and Sweet.....	10	50	1 00	



Early Scarlet Globe Radishes

RADISH

SELECTED SEED

Sow 1 ounce of seed to 50-foot drill;
10 pounds in drills to an acre

CULTURE. To be tender and crisp Radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of 10 days. May also be sown as a catch crop between rows of beets, lettuce, onions, etc. Radishes can be forced in hotbeds, but must have plenty of ventilation and moisture. Soil B. Vitamins B, C, G.

Early Varieties

25 to 30 days

Early Scarlet Globe. Can be used for forcing and regular outdoor planting. Small, round, red; with rich, crisp, tender flesh.

Early Long Scarlet Short-Top.

Early French Breakfast. Rapid grower. Oblong shape; very mild and tender; beautiful scarlet color, tipped with white.

Icicle. Slender, smooth, pure white roots that average about 6 to 7 inches long when matured. Quite early and of excellent quality.

Long White Vienna or Lady Finger.

New Glass or Cincinnati Market. A long scarlet Radish with a distinctive white tip. Fine for home-garden as well as an attractive one for market stall.

White-tipped Scarlet Globe. A good, very early forcing variety. Small; bright scarlet with white tip; good quality.

White Turnip or Box. Stays tender and crisp.

Summer Radishes

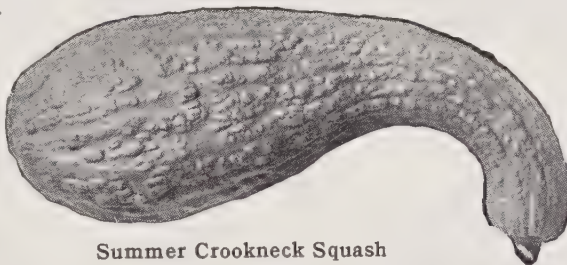
Large White Stuttgart. Very large, top-shaped; flesh and skin white, fine quality, firm, and brittle, seldom pithy. Can be stored for winter.

White Strasburg. Handsome; oblong, tapering; skin and flesh pure white, firm, brittle, tender, retains its crispness even when roots are old and large. Withstands severe heat and grows quickly.

ROQUETTE OR RUCOLA

Grown for greens. Forms rosettes of oblong, divided, dull green leaves, thick in texture and of a mildly pungent flavor. 40 days.

We pay postage on packets, ounces, and 1/4 pounds. For larger quantities consult chart on page 1.



Summer Crookneck Squash

Winter Varieties

60 days. Plant after August 15 and through September

China Rose or Scarlet China. Bright rose-colored, stump-rooted Radish of excellent quality.

Long Black Spanish. Large Radish with black skin and white, firm flesh. Grows 6 to 8 inches long.

Round Black Spanish. Like the above, except that it is round.

White Chinese or New Celestial. Large, stump-rooted; white skin and flesh, mild in flavor, brittle and never woody. A splendid keeper.

SQUASH

Bush Sorts: Sow 1 ounce of seed for 50 hills; 5 to 6 pounds to an acre. **Running Varieties:** 3 to 4 pounds in hills to an acre

CULTURE. Plant in hills, as for cucumbers and melons, the bush kinds 3 to 4 feet apart, the running kind 6 to 9 feet apart. Vitamins A, B, C, G.

RUNNING VARIETIES

Blue Hubbard. A selection from the original Hubbard. Fruit large, gray-blue, remarkably good keeper and excellent quality. Running variety. Late.

Hubbard. An excellent keeper of splendid quality. Vines of strong, running growth. Large, olive-shaped fruits with dark green skin; rich flesh. Late.

Golden Hubbard. Like the above but of a beautiful orange-red color. Late.

Boston Marrow. Large, oval, hard-shelled sort, highly esteemed for winter use. Bright orange skin and deep orange flesh. Strong running growth. Late.

BUSH VARIETIES

Early White Bush.

Giant Yellow Straightneck. Like Crookneck, but straight and thicker.

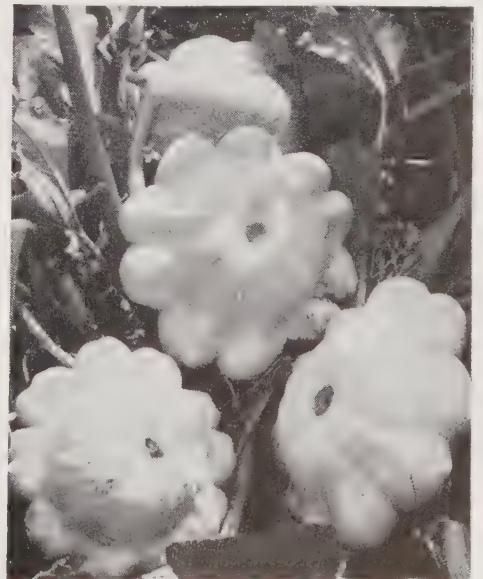
Green-tinted Bush. Particularly desirable for market gardeners on account of its green-tinted, well-scalloped, uniform, small-sized fruit.

Summer Crookneck, Bush Variety. About 1 foot long, with crooked neck; bright yellow, warty shell, hard when ripe.

Acorn or Table Queen. A green-shelled variety resembling an acorn in shape; orange flesh. Weighs about 1 pound. Used when mature; cut in half, it bakes dry and sweet. Very prolific. 58 days.

Zucchini. See Vegetable Marrow, page 22.

Cocozelle. See Vegetable Marrow, page 22.



Green-tinted Bush Squash

	Pkt.	Oz.	1/4lb.	Lb.
RADISH, EARLY VARIETIES				
Early Scarlet Globe.....	\$0 10	\$0 15	\$0 25	\$0 90
French Breakfast.....	10	15	35	1 00
Early Long Scarlet Short-Top.....	10	15	35	1 00
Icicle.....	10	15	35	1 00
Long White Vienna (Lady Finger).....	10	15	35	1 00
New Glass (Cincinnati Market).....	10	15	35	1 00
White-tipped Scarlet Globe.....	10	15	35	1 00
White Turnip or Box.....	10	15	35	1 00
RADISH, SUMMER VARIETIES				
White Strasburg.....	10	15	40	1 25
Large White Stuttgart.....	10	15	40	1 25
RADISH, WINTER VARIETIES				
Long Black Spanish.....	10	15	40	1 25
Round Black Spanish.....	10	15	40	1 25
China Rose (Scarlet China).....	10	15	40	1 25
White Chinese (New Celestial).....	10	15	40	1 25
ROQUETTE or RUCOLA.....	15	90		
SQUASH				
Early White Bush.....	10	20	50	1 50
Green-tinted Bush.....	10	20	50	1 50
Summer Crookneck, Bush Variety.....	10	20	50	1 50
Giant Yellow Straightneck.....	10	20	50	1 50
Hubbard.....	10	20	60	2 00
Golden Hubbard.....	10	20	60	2 00
Boston Marrow.....	10	15	40	1 25
Blue Hubbard.....	10	20	60	2 00
Acorn (Table Queen).....	10	20	50	1 50

POTATOES

Maine-grown U. S. Certified

Prices subject to market fluctuations. Prices on bag lots or larger quantities on application.

Present price of all kinds, peck and bushel lots, \$1.00 per pk.; \$3.50 per bus.

If wanted by Parcel Post, add 25c to pk.; 75c to bus., for 1st and 2d Zones. For other Zones, consult chart on page 1.

CULTURE. Planting may commence as early in the spring as the ground can be worked. Place one piece every 1 foot in rows 2½ feet apart, covering about 4 inches. When cutting the seed, allow two eyes to each piece. Soil D.

Plant 8 to 10 bushels of Seed Potatoes per acre

Chippewa. Originated by U. S. Dept. of Agric. Seven to ten days later than Irish Cobblers. Immune to mosaic and superior to Cobbler in smoothness and whiteness. During the past 5 years it has outyielded the best strains of Cobblers on both muck and upland soils.

Irish Cobbler. An early Potato of exceptional merit which has given our trade entire satisfaction. Round; flesh white; eyes strong and deeply set.

Katahdin. Originated by U. S. Dept. of Agric. Handsome, shallow-eyed, glossy, white-skinned variety that matures a little earlier than Green Mountain and the Rurals. Beats all varieties in uniformity of shape, size, and general appearance.

Red Bliss. Very early. Thin, red skin; round; white flesh.

Improved Green Mountain.

CHOICE SEED SWEET POTATOES. Leading varieties. Prices on application.

SWEET POTATO PLANTS. See page 23.

Dormatone. To keep Potatoes in storage from sprouting. See page 43.

FOR LARGER CROPS, DIP WITH SEMESAN BEL

PUMPKIN

We pay postage on packets, ounces, and ¼ pounds. See chart on page 1. Sow 1 ounce to 15 hills; 3 to 4 pounds to an acre

CULTURE. Sow in the month of May. Make hills the same as you do for squashes but do not make them too close. About 85 days. Soil D. Vitamins A, B, C, G.

Connecticut Field Pumpkin. Very productive; for feeding stock.

Cushaw or Winter Crookneck. An old standard variety which is very popular. It is also used for feeding stock. Long, yellow crookneck, fine-grained yellow flesh, very solid.

Cushaw Striped. Same as above, but it is green and white striped.

Oriental Pie. Flesh very thick, rich salmon color, fine grain, dry and sweet.

King of the Mammoths or Pot Iron. An immense variety, which always wins the prize offered for the largest and best Pumpkins; grown to weigh over 200 pounds. Flesh of a rich, golden yellow; a splendid keeper.



Sugar Pie Pumpkin

SUGAR PIE. These Pumpkins are small but are of the best quality, with very sweet, fine-grained flesh which makes the very finest of pies.

Tennessee Sweet Potato. Pear-shaped, medium size; flesh and skin creamy white, fine grained, sweet. A first-rate keeper.

Winter Luxury. A very good keeper and a splendid pie Pumpkin; shape round; skin finely netted and beautiful russet-yellow color; flesh thick.



Myatt's Victoria Rhubarb

RHUBARB

CULTURE. Sow seed in a coldframe, in a fine, rich sandy loam, about March 1, in drills 4 inches apart. Keep the frames covered during nights and cold days, so that the soil will not freeze, and in 6 to 8 weeks the plants will be large enough to set out in the open ground. Transplant to rich soil and set 1 foot apart in rows. The following spring transplant to a permanent location, setting 4 to 5 feet apart each way. In good soil Rhubarb is ready to use the second year from seed.

If our 2-year-old roots are used, a crop may be had the same season, which is much better than sowing seed where only a few plants are needed for family use. In the fall the bed should have a thick dressing of coarse manure to be spaded under in spring. Soil B.

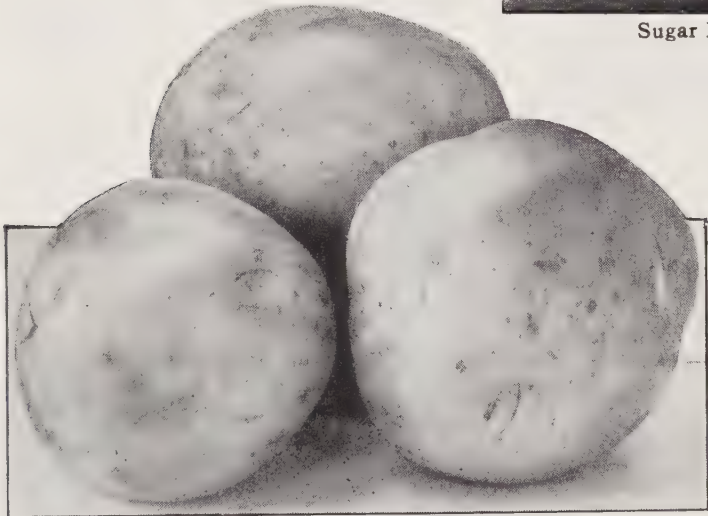
Myatt's Victoria. The leading variety.

RHUBARB ROOTS. See page 23.

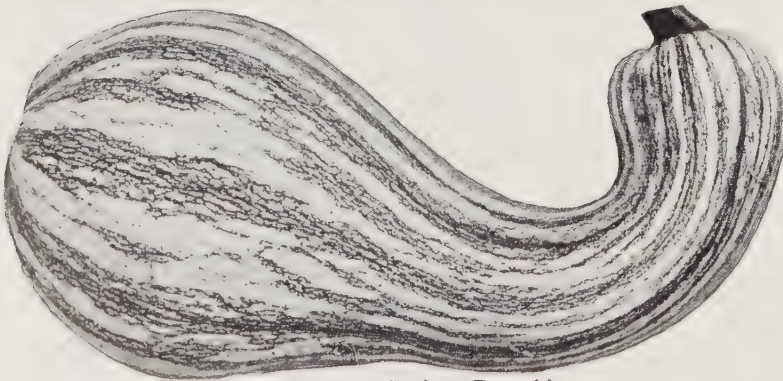
SORREL or SOUR GRASS

CULTURE. Sow in spring in rich soil, in drills 1½ feet apart, and keep the flower-stems cut off as they appear. It remains in the ground year after year, and only needs to be taken up and divided once in 4 to 5 years. Cut and cook precisely like spinach; or it is excellent cooked with it, one-third Sorrel to two-thirds spinach. It is also used for soups. Inasmuch as the hot sun tends to increase its acidity, a northern exposure is preferable.

Broad-Leaf



Katahdin Potatoes



Green-striped Cushaw Pumpkin

	Pkt.	Oz.	¼lb.	Lb.
PUMPKIN				
King of the Mammoths (Pot Iron)	\$0 10	\$0 25	\$0 60	\$2 00
Cushaw (Winter Crookneck)	10	20	50	1 50
Cushaw Striped	10	20	50	1 50
Oriental Pie	10	20	50	1 50
Tennessee Sweet Potato	10	20	50	1 50
Winter Luxury Pumpkin	10	20	50	1 50
Sugar Pie	10	20	50	1 50
Connecticut Field Pumpkin	10	15	40	1 25
RHUBARB				
Myatt's Victoria	10	30	1 00	3 00
SORREL (Sour Grass)				
Broad-leaf	10	30		

ALL PRICES ARE SUBJECT TO CHANGES

TOMATOES SURE-CROPPING

Packets, ounces, and 1/4pounds of Tomato Seed sent postpaid.
For larger quantities, consult chart on page 1.

One ounce of seed will produce 1500 plants; 1/4pound
for transplanting an acre

CULTURE. Seed should be sown in a hotbed the first week in March or latter part of February, in drills 5 inches apart and 1/2 inch deep. When plants are 2 inches high they should be set into small pots. About May 1 the plants may be set out in hills 3 to 4 feet apart each way. From 60 to 100 days from setting plants to ripe fruit. Soil C. Vitamins A, B, C, G.

BLIGHT-RESISTANT SOUTHLAND. A prolific midseason variety resistant to collar rot and fusarium wilt, producing well-shaped fruit of about Rutgers size. Pkt. 25c; 1/4oz. 75c; 1/2oz. \$1.25; oz. \$2.00; 1/4lb. \$6.00; lb. \$20.00.

HYBRID TOMATO. The medium to large fruit of Rutgers type is scarlet-red, globe shaped, meaty and of excellent quality. Valuable for home and market. Pkt. (about 50 seeds) 25c; 5 pkts. \$1.00.

STOKESDALE TOMATOES

Bred for purity, quality, productiveness. All Certified

VALIANT. Extra early. Extra solid. Extra large. A Stokes introduction. Remarkable for its long bearing period.

MASTER MARGLOBE. Strain 6. Large and productive.

RUTGERS. Globe-shaped, quite large, with flesh firm, red, and very solid. Ripening begins at the center, insuring good color.

All three above, pkt. 10c; 1/2oz. 35c; oz. 60c; 1/4lb. \$2.00; lb. \$6.50

Extra Early Varieties

Earliana. Particularly desirable for shipping and for earliest market. The fruits are smooth, round, and of fine color.

Pritchard or Scarlet Topper. Heavily productive, wilt-resistant introduction of superior merit for home and market garden, shipping and canning. Fruits large, globe-shaped, scarlet and well colored about the stem end; flesh firm and of fine quality. 75 days.

Second-Early Varieties

Break o'Day. One of its parents is Marglobe which it resembles in color, shape, size, and solidity, but it is 10 to 12 days earlier.

Bonny Best. A most profitable variety for early and main crop.

Main-Crop Varieties

Greater Baltimore. An improved strain of Greater Baltimore. Fruits flat but thick, deep scarlet, medium large, solid and firm. Wilt-resistant. 83 days from setting plants to marketable fruit.

Marglobe. (Certified.) Vigorous plants bear a wonderful crop of uniformly globe-shaped, large deep scarlet fruits. The flesh is bright red, solid, meaty and juicy.

New Stone. So well known that it needs no description.

Beefsteak. Resembles Ponderosa in many ways, except that the fruits are a rich scarlet-red color.

Oxheart. The largest Tomato ever introduced; fruits weigh up to 1 1/2 pounds. Skin is purplish scarlet, smooth and evenly colored. The shape is most distinct. Extremely solid and has few seed cells.

Ponderosa. Large, solid purple Tomato, fairly smooth. Quite free from acid.

Golden Queen. Yellow; large and solid.

Jubilee. A superb new orange Tomato with perfectly smooth, round fruit weighing about 6 ounces each. The interior is of equally bright orange-yellow color. Juicy, with few seeds and of a delightful sub-acid flavor. 72 days. (Seed scarce.)



Certified Rutgers Tomato

CERTIFIED RUTGERS. This unusual Tomato is from the New Jersey Agricultural Experiment Station. It is globe-shaped, quite large, with flesh firm, red, and very solid. Ripening begins at the center, insuring good color throughout. Fills all requirements. An excellent main-crop variety.

White Beauty. Contains less acid than any other variety. Its firm white flesh has no trace of red; the flavor is all that can be desired. (Seed scarce.)

TOMATO PLANTS. See page 23.

Preserving Varieties

Husk or Strawberry.

Peach. Very small, pink fruit with slight peach bloom on skin.

Red Cherry. Small; grows in clusters.

Red Pear. Pear-shaped red.

Yellow Pear-shaped.

Yellow Plum-shaped.

Famous Tomato Seed Grown by Glick



Glick's Seeds are grown on Glick's Farms, where disease is unknown, and entirely isolated from any commercial Tomato-growing section. It is supervised on a strictly quality basis for planters of the better class.

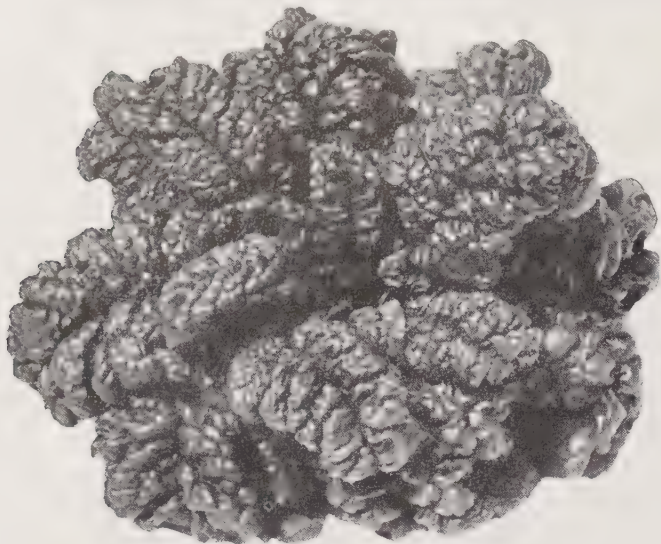
IMPROVED MARGLOBE. Pennsylvania Certified. Pkt. 15c; 1/2oz. 55c; oz. \$1.00; 1/4lb. \$3.50; lb. \$11.00. Seed very scarce.

IMPROVED RUTGERS. Pennsylvania Certified.

EARLY CANNER. A week ahead of Rutgers. Fruit deep red and solid. Excellent bearer.

Above two, pkt. 15c; 1/2oz. 45c; oz. 85c; 1/4lb. \$3.00; lb. \$9.50

TOMATOES, EXTRA EARLY VARIETIES					
Earliana. Extra early	Pkt. \$0 10	1/2oz. \$0 40	Oz. \$0 75	1/4lb. \$2 50	Lb. \$7 50
Pritchard (Scarlet Topper). Early	10	25	40	1 25	4 00
TOMATOES, SECOND-EARLY VARIETIES					
Break o'Day	10	30	50	1 75	6 00
Bonny Best	10	30	50	1 50	5 00
TOMATOES, MAIN-CROP					
Marglobe (Certified)	10	25	45	1 35	4 50
Certified Rutgers	10	30	50	1 50	5 00
New Stone	10	25	40	1 25	4 00
Greater Baltimore	10	25	40	1 25	4 00
Ponderosa	10	60	1 00	3 00	10 00
Beefsteak	15	60	1 00	3 00	10 00
Oxheart	25	85	1 50		
Golden Queen	10	60	1 00		
Jubilee	25				
White Beauty	25				
Sensation Hybrids	5 Pkts. \$1.00				
Southland	1/4oz. 75c	25	1 25	2 00	6 00 20 00
TOMATOES, PRESERVING VARIETIES					
Yellow Pear-shaped	10	35	60	2 50	
Yellow Plum-shaped	10	35	60	2 50	
Red Pear	10	30	50		
Peach	10	30	50		
Husk (Strawberry)	10	35	60		
Red Cherry	10	35	60		



Reselected Bloomsdale Savoy-leaved Spinach

Packets, ounces, and ¼ pounds sent postpaid. For larger quantities consult chart on page 1.

SALSIFY or OYSTER PLANT

Sow 1 ounce of seed to 70 feet of drill; about 8 pounds to an acre

CULTURE. Sow as early as ground can be worked in spring, in drills 1 inch deep, and thin out to 6 inches in the row. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump. The roots are cut into pieces ½ inch long, boiled until tender, and then served with drawn butter, in which way it is a delicious vegetable. They are also mashed and baked like parsnips and have a sweet and agreeable flavor like that of the oyster. 110 days. *Soil C. Vitamin C.*

Mammoth Sandwich Island. An improved type and the largest and most profitable Salsify now in cultivation. The roots are white and smooth.

TAMPALA

A recent introduction from China and India. Better than spinach or chard, and does well in hot weather. Easy to grow, in rows 2 feet apart. Plants should stand 2 feet apart. As greens, ready to eat in six weeks.

Fordhook. New. **Red.** New.

SPINACH

Sow 1 packet of seed to 50 feet of drill; 15 to 20 pounds to an acre

CULTURE. Sow in early spring, in drills a foot apart, every 2 weeks for a succession, and, as it grows, thin out for use. For fall use, sow in August, and for winter crop in September. Cover that which is left over winter with straw or leaves after the weather becomes quite cold. Sow seed of New Zealand in hills 2 feet apart each way, 3 or 4 seeds in a hill. 45 to 55 days. *Soil B. Vitamins A, B, C, G.*

Dark Green Bloomsdale. A better and darker strain of the well-known Reselected Bloomsdale. Its darker color gives the leaves fresh appearance for a longer time after being cut than ordinary Bloomsdale.

RESELECTED BLOOMSDALE SAVOY-LEAVED. The popular fall Spinach so largely grown for market. Grows upright, the leaves being crumpled, dark green, and very thick.

New Long-standing Bloomsdale. It is almost as early and quick-growing as the old Bloomsdale, but it will stand in marketable condition 10 to 14 days longer before going to seed.

Old Dominion. A blight-resisting Long-standing Spinach for fall sowing.

Virginia Blight-resisting Bloomsdale Savoy. Although of lighter color and not as heavily crumpled as Reselected Savoy, this strain is absolutely blight-proof and will succeed where the older variety blights.

New Zealand. Thrives during the hottest weather in any soil, rich or poor. The tender tips may be cut every few days till frost. When the ground is thoroughly warm, soak seed for 24 hours and plant 4 seeds in hills 2 feet apart each way.

Maryland Medium Broad-leaf. The popular Tobacco for southern Maryland. One ounce sows 200 to 250 square yards and should produce enough plants for five acres.

TURNIP

Sow 1 packet of seed to 100 feet; 2 pounds to an acre

CULTURE. For early use, sow as soon as the ground opens in spring; thin out to 6 to 9 inches in the rows. For a succession, continue to sow in July and August. The Rutabagas are grown for feeding stock and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown; store in a cool cellar or pit, or pile up in a conical form outdoors, in dry ground; cover carefully with long straw and finish by earthing up, covering them with about 12 to 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring. 50 to 75 days. *Soil C. Vitamins A, B, C, G.*

Purple-Top Yellow Aberdeen. Medium size; round; pale yellow; tender and sugary. Hardy, productive, and keeps well. An esteemed variety for stock.

Red or Purple-Top White Globe. Globular shape; very handsome; of superior quality. Heavy producer; early; of rapid growth and an excellent keeper.

White Egg. Quick-growing; egg-shaped.

White Milan. Very early. Pure white; sweet and tender. Short tops, flat.

Extra-Early Purple-Top Flat Strap-leaved. White fleshed.

Yellow or Amber Globe. Excellent for table use or stock. Green top.

Cow Horn. A long, white, carrot-shaped Turnip which grows half out of the ground. Mostly used for feeding stock, but makes a fine table sort.

Seven-Top. Grown exclusively for its tops and when properly prepared and cooked makes a fine dish. Withstands our winter without any protection.

Shogoin. Salad Turnip. Resists insects and can be grown in hot weather. Makes a Turnip 2 to 3 inches in diameter.

RUTABAGA. Golden Neckless Purple-Top. Improved strain without neck. Tops rather short, but good-sized root. Flesh deep yellow and fine-grained.

RUTABAGA. Improved Purple-Top.

TOBACCO SEED

Bonanza. A broad-leaved bright Tobacco that is especially adapted to the sandy soils of Maryland and Virginia. Certified.

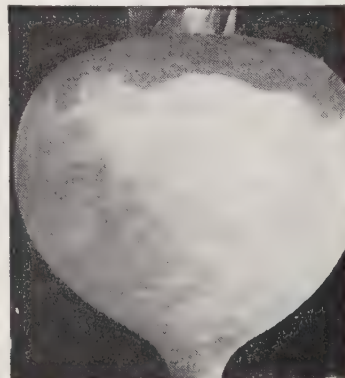
Virginia Bright. On sandy soil it makes a wide leaf of good length that cures easily.

VEGETABLE MARROW

Black Zucchini. Bush type. Fruits weigh 5 to 6 pounds, cylindrical, slightly fluted, dark black-green; flesh greenish white and, of good flavor.

Zucchini Caravazzi. Similar to the above, but the color is light green. Great favorite with the Italians.

Cocozelle di Napolie. Grows about 20 inches long with a diameter of 3 to 4 inches. Skin smooth, dark green, marbled yellow or pale green. Fine flavor. Bush type.



Red or Purple-Top White Globe Turnip

	Pkt.	Oz.	¼lb.	Lb.
SALSIFY (Oyster Plant)				
Mammoth Sandwich Island.....	\$0 10	\$0 30	\$1 00	\$3 50
SPINACH. Special prices on larger quantities.				
Reselected Bloomsdale Savoy-leaved.....	10	15	25	60
Dark Green Bloomsdale.....	10	15	25	60
Virginia Blight-resisting Bloomsdale Savoy.....	10	15	25	60
Old Dominion.....	10	15	25	60
New Long-standing Bloomsdale.....	10	15	25	60
New Zealand.....	10	20	40	1 25
TAMPALA..... 2 pkts. for 25c; ¼oz. 60c; ¼oz. \$1.00.	15	3 50		
Fordhook and Red.....	25			
TOBACCO SEED				
Bonanza and Virginia Bright.....	10	75	2 50	8 00
Maryland Medium Broad-leaf..... ½oz. 75c.....	15	1 25		
TURNIP				
Red or Purple-Top White Globe.....	10	15	40	1 25
Extra-Early Purple-Top Flat Strap-leaved.....	10	15	40	1 25
Golden Neckless Purple-Top Rutabaga.....	10	15	40	1 25
White Egg.....	10	15	40	1 25
White Milan.....	10	15	40	1 25
Yellow or Amber Globe.....	10	15	40	1 25
Cow Horn.....	10	15	40	1 25
Seven-Top.....	10	15	20	75
Shogoin (Salad Turnip).....	10	15	40	1 25
Improved Purple-Top Rutabaga.....	10	15	40	1 25
Purple-Top Yellow Aberdeen.....	10	15	40	1 25
VEGETABLE MARROW				
Black Zucchini.....	10	20	50	1 50
Cocozelle di Napolie.....	10	20	50	1 50
Zucchini Caravazzi.....	10	20	50	1 50

VEGETABLE PLANTS AND ROOTS

NO PLANTS SENT C. O. D. We cannot send plants out of the State of Maryland

On all plants wanted by mail, add 10c per doz.; 20c per 100; 50c per 1000, except as noted below.

All of our plants are produced from our **Sure-Growing Seeds**, and will give wonderful results under ordinary weather and soil conditions. If wanted in larger quantities, write for special quotations. The time when plants are ready is greatly controlled by the season; the specified time is the earliest date under favorable conditions.

Asparagus Roots (Ready March and April)

Mary Washington. Dark green stalks. 2-yr. roots, 50c per doz.; \$2.75 per 100; \$20.00 per 1000. If wanted by mail, add 15c per doz.; 30c per 100; 90c per 1000.

Borecole Plants (Ready May to July)

20c per doz.; \$1.50 per 100; \$10.00 per 1000

Broccoli Calabrese Plants (Ready May to July)

25c per doz.; \$1.50 per 100; \$10.00 per 1000

Brussels Sprouts (Ready May to July)

Matchless Improved. 25c per doz.; \$1.50 per 100; \$10.00 per 1000.

Cabbage Plants (Ready April to July)

Early Flat Dutch and Jersey Wakefield. From hotbeds, 20c per doz.; 75c per 100; \$5.00 per 1000.

Late Flat Dutch and Savoy. (Ready May 15.) 20c per doz.; 75c per 100; \$5.00 per 1000.

"Frost-Proof" Cabbage Plants (Ready February to May)

Charleston or Large Wakefield	Early Flat Dutch
Marion Market	Copenhagen Market
Wisconsin, all season	Golden Acre

Postpaid: 75c per 100; \$1.00 per 200; \$2.00 per 500; \$3.00 per 1000.

Express collect: 1000 to 4000 @ \$2.00 per 1000; 5000 to 9000 @ \$1.75 per 1000; 10,000 or over @ \$1.50 per 1000.

"Frost-Proof" Onion Plants (Ready February to May)

Be sure to order some when ordering "Frost-proof" Cabbage Plants, as they should be planted at the same time.

Yellow Bermuda	Sweet Spanish	Crystal Wax
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Postpaid: 75c per 200; \$1.50 per 500; \$2.50 per 1000.

Express collect: Same prices as cabbage.

TRAIN-ETTS

New Weatherized TRELLIS NETTING

Ideal Support for SWEET

PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in five minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.)

Doesn't rot like string—lasts several seasons. No. 1 60 x 72 in. 65c.; No. 2, 60 x 96 in. 85c; No. 3, 60 x 180 in. \$1.25, postpaid.



1001 GARDEN QUESTIONS ANSWERED

By Alfred C. Hottes. 3d Edition. 388 pages; 160 illus. \$3.00, postpaid \$3.15. Written in the popular form of questions and answers so that information may easily be found. Covers all phases of gardening on the home grounds except fruits and vegetables. The well-arranged index guides the reader to the answer to his problems. Invaluable to all amateur gardeners.

Cauliflower Plants (Ready April and July)

Snowball Variety Only. From hotbeds. 25c per doz.; \$1.50 per 100.

Celery Plants (Ready in July)

Golden Heart	Giant Pascal	Winter Queen
White Plume		Golden Self-blanching

25c per doz.; \$1.50 per 100; \$10.00 per 1000

Eggplants (Potted) (Ready in May)

10c each; \$1.00 per doz.; \$8.00 per 100. Best sent by Express. If wanted by mail, add 2c to each plant

Horseradish Roots (Ready in March)

Large, strong cuttings, 40c per doz.; \$2.50 per 100

Pepper Plants (Ready in May)

Large Sweet. Hotbed grown, 25c per doz.; \$1.50 per 100. Potted plants, 10c each; \$1.00 per doz.; \$8.00 per 100. If wanted by mail, add 2c to each plant.

Rhubarb Roots (Ready March and April)

Strong roots. 15c each; \$1.50 per doz. If wanted by mail, add 5c to each; 25c per doz.

Sweet Potato Plants (Ready in May)

Yellow Big-Stem and Maryland Golden. 20c per doz.; \$1.00 per 100; \$7.50 per 1000.

Tomato Plants (Ready latter part of April to June)

POT-GROWN PLANTS. In the following varieties only—

Marglobe	Stokesdale
Valiant	Rutgers

10c each; \$1.00 per doz.; \$8.00 per 100. If wanted by mail, add 2c per plant

HOTBED PLANTS—

Ponderosa	Marglobe	Stokesdale	Rutgers	Beefsteak
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20c per doz.; \$1.00 per 100; \$6.00 per 1000.

SOUTHERN PLANTS—

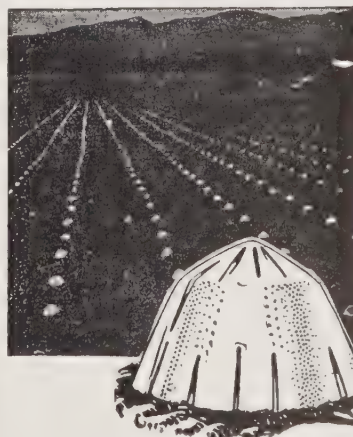
Marglobe	Rutgers	Pritchard
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Postpaid: 75c for 50; \$1.00 per 100; \$3.00 per 500; \$4.50 per 1000.

Express collect: 1000 to 4000 @ \$3.50 per 1000; 5000 to 9000 @ \$3.25 per 1000; 10,000 or over @ \$3.00 per 1000; 100,000 or more, prices on application.

For Tomato Cocktail, Red Cherry. Bears in clusters. Served in ice, whole, with toothpick inserted. Very delicious. 25c per doz.

Germaco Hotkaps



These can make you extra dollars this season. They protect plants from frost, wind, rain, insects, and ground-crusting. Thus, they produce harder, quicker crops. You get higher prices.

1000-lots \$14.65, postpaid \$15.25; 5000-lots at \$14.50 per 1000; 10,000-lots at \$14.35 per 1000; 25,000-lots at \$14.20 per 1000.

250 Trial package, including Setter \$4.65, postpaid \$5.00.

If you need Hotkaps for your backyard garden, note these prices. 100 with Garden Setter \$2.75, postpaid \$3.00. Home Garden Package, 25 Hotkaps and Setter, 70c, postpaid

85c. Steel Hotkap Setter \$1.95, postpaid \$2.20. Fibreboard Setters 20c, postpaid 35c.

Reliable Grass, Forage and Clover Seeds

If Grasses are wanted by Parcel Post, allow for postage. Prices on Grasses subject to market changes.
Write for samples and prices of larger quantities of all seed listed on this page

Permanent Pasture Mixture. Either for low or upland. It is made up of grasses best calculated to afford an abundant and nutritious food supply for stock. The formulas are based upon successful experience. For all ordinary permanent pasturage, they will be found entirely satisfactory. When ordering state if for low or upland. Lb. 45c.

Lawn Grass Mixtures listed on second cover page.

Creeping Bent Grass. Especially adapted for putting-greens and wherever a velvet-like lawn is wanted. Lb. \$1.25.

Italian Rye Grass. The ideal grass to sow in the fall on crab-grass-infested lawns; it will quickly make them green. Lb. 25c.

Blue Grass, Fancy Kentucky (*Poa pratensis*). Our stock of this is extra fine, thoroughly recleaned. Sow 3 to 5 bushels per acre on lawn; 2½ to 3 bushels on pasture fields. 14 lbs. to bus. Lb. 75c.

Timothy (*Pbleum pratense*). Sow ½ bushel per acre alone; with clover, 1 peck. 45 lbs. to bus. Lb. 45c.

Perennial Rye Grass (*Lolium perenne*). This makes the quickest returns in growth of any grass, is deep rooted, and is readily established. Sow 2½ bushels per acre. 20 lbs. to bus. Lb. 35c.

Red Fescue, Creeping. A splendid grass for golf links, tennis courts, etc.; will resist droughts. 8 lb. to 1000 sq. feet. 75c.

Red-Top Fancy Recleaned (*Agrostis vulgaris*). This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 40 pounds per acre. 32 lbs. to bus. Lb. 80c.

Alta Fescue. An improved strain of tall Fescue, related to Meadow Fescue but a better forage producer. It is excellent in pasture and is noted for high yields of forage. Will tolerate poorly drained conditions and improve the soil. The plant is a deep-rooted, tufted perennial grass, with dark green basal leaves and few seed stalks. It has a long growing season and is one of the few grasses remaining green throughout the season. Alta Fescue is also finding a place as a turf plant on airfields and roadsides. Lb. \$1.00.

Chewing's Fescue. Shade Grass. For shady situations in parks and densely shaded lawns, this grass has no superior. It produces a firm and attractive turf where few other grasses can exist. Recommended for sandy soil. 8 lbs. to 1000 square feet. Lb. 75c.

Meadow Fescue (*Festuca pratensis*). Sow 40 to 50 pounds per acre. 22 lbs. to bus. Lb. 45c.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 pounds per acre. 14 lbs. to bus. Lb. 40c.

Broom Corn (*Sorghum vulgare*). Succeeds in a good, deep soil, fresh but not damp; very sensitive to cold. Long brush evergreen, which is made into brooms. 50 lbs. to bus. Lb. 30c.

Poa Trivialis. Rough-stalked Meadow Grass. Grows well in damp, rich, non-acid soils and is useful in shady places. Lb. \$1.00.

Cowpeas (*Vigna Catjang*). Valuable in this latitude as a fodder plant. Their chief value, however, is as a green crop to plow under. The seed should not be sown till the ground has become warm. Sow 2 bushels per acre broadcast, 1 bushel in drills. Bushel price on request.

Soja Bean (*Glycine hispida*). Mammoth Yellow and Wilson Black thrive well in our climate. Valuable for the South. Do not make good hay, but good for ensilage or green fodder. Sow 1½ bushels per acre alone or ½ bushel Soja Beans with 1 bushel Cowpeas. Yields as high as 20 tons of green feed per acre. Lb. 10c.

Sudan Grass. A tall annual grass, growing 6 to 8 feet high when drilled, but when sown broadcast thickly does not grow quite so tall. Every farmer and stock-raiser should learn about this wonderful grass, as it is eaten by all kinds of stock and will produce more hay to the acre than any other grass that has ever been introduced. Allows three to four cuttings, and produces 2 to 5 tons per acre, depending on the soil. Can either be drilled at the rate of 2 to 3 pounds per acre in 3-foot rows or broadcast at the rate of 10 to 20 pounds per acre. Plant from March to August. Lb. 20c.

Sweet Sudan Grass. An improvement on the above, because of its sweetness. Increases milk and meat production. Do not pasture until 24 in. high as the sugar does not start setting below that height. Lb. 25c.

Edible Soy Bean. For description and price, see page 7.

Peas, Canadian Field. 60 lbs. to bus. Lb. 15c.

Golden Millet (*Panicum miliaceum* var.). An improved variety, medium early, growing 3 to 5 feet high. Heads are closely condensed, though the spikes are very numerous. Sow 40 to 50 pounds broadcast to the acre. 50 lbs. to bus. Lb. 15c.

Buckwheat. In the locality of Baltimore this is sown anywhere from June 1 to July 15; 1 bushel (48 lbs.) broadcast to the acre. Qt. 25c; pk. \$1.00.

Sorghum • Sugar-Cane

Ideal cattle food. Sow 1 to 2 bushels, broadcast, 25 pounds to the acre in drills. 50 lbs. to bus.

Early Amber. Grows 10 to 13 feet high. Fine for cows; either green or cured. Lb. 15c.

Early Orange. Ripens about 10 days after Early Amber, and is said to produce a larger crop. Lb. 15c.

Sunflower, Large California. Lb. 25c.

Vetch, Spring or Winter

Sand, Winter, or Hairy Vetch (*Vicia villosa*). Thrives on poor, arid, sandy soils. It may be sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high, and can be cut as soon as the bloom appears and again for the seed. Perfectly hardy. Sow 20 to 40 pounds to the acre. Price variable. Lb. 35c.

Spring Vetch. Not hardy; sow in spring only. Lb. 20c.

Rape

Dwarf Essex, English (*Brassica Napus*). Is excellent for sheep and hog pasture and chicken-yards, also for soiling. It may be sown in May and will be ready for pasturing in July and August. In drills, sow 5 pounds to the acre; sown broadcast, 10 pounds to the acre. Lb. 30c.

WHEAT, RYE, OATS, & BARLEY

Of the most popular varieties, quoted on request

Clover Seeds

Kansas Alfalfa (*Medicago sativa*). Requires deep, rich, well-drained soil. Roots very deeply, the tap-root descending often to a depth of 10 to 15 feet in loose soil. It is, consequently, capable of resisting great droughts. Should be sown alone (about the same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It is also successfully sown as late as August and up to the middle of September. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial and several crops may be cut every year. Height 1 to 3 feet. Lb. 70c.

Alsike or Hybrid Clover (*Trifolium hybridum*). A perennial, 1 to 3 feet high. Grows well in our locality and can withstand severe cold. A good honey-plant for bees. Sow 15 pounds to the acre. Lb. 55c.

Lespedeza. The original Lespedeza. Sow 20 pounds to the acre on your poor land to bring it into condition to produce profitable crops. Once started it smothers broom-sedge and other undesirable growths. Ten pounds Lespedeza and 8 pounds Herd's Grass will give a hay crop that may be grazed till frost. **Korean**, lb. 20c. **Kobe**, lb. 25c.

Ladino. This type of Clover is used in pasture mixtures with success and is harder than Alfalfa. Can be used as a green feed for poultry. Sow 8 pounds per acre. Lb. \$2.00.

Lespedeza sericea. The perennial Lespedeza, the South's foremost legume, boasting of heavy yields on poor, acid soils. Large returns in seed and forage. Great improvement to soils. Resistant to droughts. Lb. 35c.

Red Clover (*Trifolium pratense*). One of the most valuable farm crops for pasture, hay, or for turning under for green manure. It requires a deep, rich soil and yields two hay crops in the season. Sow at the rate of 15 pounds to the acre. Lb. 65c.

Mammoth Red or Sapling Clover. Grows larger and lasts longer than the common Red Clover. Valuable for plowing under. Sow 10 pounds to the acre. Lb. 65c.

Crimson or German Clover (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet flowers. It is largely grown for improving the soil by turning under. A valuable crop for pasturage or green manure. For hay it should be cut when in full bloom. Sow 20 pounds to the acre. Lb. 35c.

White or Dutch Clover. For lawns and pastures. Lb. \$1.25.

White Sweet Clover (*Melilotus alba*; Bokhara). Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high. Sown in rich soil, may be cut three times. Lasts for years if cut before flowering. Hulled Seed. Lb. 35c.

Inoculate all Clovers, Cowpeas, Vetches and Soja Beans with NITRAGIN. For particulars see page 25

Inoculation of Legumes Insures Success

Inoculate all Legume Seeds with

NITRAGIN

1898—FIFTY-TWO YEARS OF SERVICE—1950

When ordering, Always state name of seed.

ALFALFA (A)		SOYBEANS (S)	
Swt., Bur, Hubam Clovers	Retail	Size	Retail
1 bu. each...	\$.50	2 bu. each.....	\$.30
2½ bu. each...	1.00	5 bu. each.....	.50
CLOVERS (B)		25 bu. each..... 2.25	
Red, Alsike, Crimson, White and Ladino.		(One can)	
1 bu. each...	\$.50	30 bu. each..... 2.95	
2½ bu. each...	1.00	(6-5 bu. cans)	
COMBINATION (AB)		BEANS (D)	
1 bu. each.....	\$.50	Navy, Pinto, Wax, String, Kidney and Great Northern	
LESPEDEZA (L)		1 bu. each..... \$.50	
100 lb. size (Inoculates up to 100 lbs.) ..	\$.50	PEANUTS, COW PEAS (E)	
PEAS, VETCHES (All Varieties) (C)		2 bu. each..... \$.30	
100 lb. size (Inoculates up to 100 lbs.) ea.	\$.50	5 bu. each.... .50	

GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans
Enough for 8 lbs. seed — Retail Price 15c each



Clover Field

NITRAGIN PAYS BIG DIVIDENDS

Inoculation or nitrogen fixation is crop insurance for larger yields of Alfalfa and Clover. Legume-Aid contains billions of bacteria living in a base which has sufficient moisture to insure good seed environment for the preservation of the organisms. Offered in dated containers, insuring fresh stock.

Treat your Seed Oats with Ceresan to control Oat smut and increase yield. See page 43.

PRICES ON FARM SEEDS IN LARGER QUANTITIES
THAN LISTED WILL BE QUOTED
ON APPLICATION

CROW REPELLENT

Crow Repellent. Repels crows and other corn-pulling pests. ½pt. (1-bus. size) 35c, postpaid 47c; pt. (2-bus. size), 50c, postpaid 62c; qt. (4-bus. size) 90c, postpaid \$1.05.

CYCLONE SEED SOWER

Cyclone Seed Sower. A splendid broadcaster that will pay for itself in a few days in time saved. Sows grass and clover seed and grain faster and more uniformly than is possible by hand. It sows as fast as you walk, and the quantity can be regulated. \$3.75, postpaid \$3.90.

QUANTITIES OF SEEDS REQUIRED PER ACRE

	Lbs. Per Acre	Lbs. Per Bu.		Lbs. Per Acre	Lbs. Per Bu.
Alfalfa—drilled.....	15-25	60	Lespedeza, Serica (hulled).....	15-20	60
Alfalfa—broadcast.....	20-30	60	Millet, German.....	25-35	50
Alsike—alone.....	6-10	60	Oats.....	64-96	32
Alsike—on small grain.....	3-6	60	Orchard Grass.....	20-30	14
Barley.....	72-96	48	Pasture Mixtures.....	25-40	
Bent Grass—lawns.....	*3		Peas, Canadian Field—broadcast.....	90-150	60
Blue Grass, Kentucky.....	14-18	14	Peas, Canadian Field—with Oats.....	60-90	60
Blue Grass, Kentucky—lawns.....	*10	14	Potatoes, Irish or White.....	540-960	60
Buckwheat.....	36-60	48	Rape—Drilled.....	3-5	50
Clover, Crimson or Scarlet.....	12-18	60	Rape—broadcast.....	5-8	50
Clover, Ladino.....	1-3	60	Red-Top—pastures.....	8-10	32
Clover, Red (Medium)—alone.....	12-15	60	Red-Top—lawns.....	*3	32
Clover, Red (Medium)—on small grain.....	8-10	60	Rye, Winter.....	56-84	56
Clover, Sapling or Mammoth.....	10-15	60	Rye Grass, Domestic.....	25-30	24
Clover, Sweet—hulled.....	15-25	60	Rye Grass, Domestic—lawns.....	*15	24
Clover, White (Dutch)—lawns.....	*2-3	60	Rye Grass, Italian.....	25-30	24
Corn.....	7-10	56	Rye Grass, Italian—lawns.....	*15	24
Corn—for silage.....	20-30	56	Rye Grass, Perennial or English.....	25-30	24
Cowpeas—drilled.....	45-60	60	Sorghum, Forage—broadcast.....	60-75	50
Cowpeas—broadcast.....	60-90	60	Sorghum, Forage—drilled.....	8-10	50
Fescue, Alta.....	12-15	14	Soja Beans—drilled.....	45-60	60
Fescue, Cheewing's—lawns.....	*8	14	Soja Beans—broadcast.....	60-90	60
Fescue, Meadow.....	20-30	24	Sudan Grass.....	15-25	35
Fescue, Red—lawns.....	*8	14	Timothy—alone.....	10-15	45
Grass, Bent—lawns.....	*3		Timothy and Clover Mixed—		
Grass, Orchard.....	20-30	14	Timothy.....	6-8	45
Grass, Rough-stalked Meadow.....	*10		Clover.....	4-6	60
Grass, Sudan.....	15-25	35	Vetch, Hairy (Winter or Sand) with 1 bu. small grain.....	20-40	60
Lawn Mixtures.....	*3-5		Vetch, Spring or Common with 1 bu. small grain...	50-60	60
Lespedeza, Kobe.....	30-35	25	Wheat.....	75-120	60
Lespedeza, Korean.....	25-30	25			

*Pounds per 1000 square feet.

*Pounds per 1000 square feet.

RELIABLE FLOWER SEEDS

SOW THE SEEDS either broadcast or in rows, and *cover lightly*—a good general rule is to cover several times the size of the seeds and press the soil firmly. *Small seeds cannot come up if covered too deep.* Very fine seeds should be sown on the surface and *pressed into the soil*. Cover the seed-bed with a newspaper so the seed will not be washed out by rain or when watering. To have the earliest blooms, flowers that stand transplanting should be sown early in boxes indoors. Water with a fine spray; do not let the soil dry out; do not keep the plants saturated, as they may damp off. When three or four leaves have formed, transplant 1 inch apart in boxes, or in the open ground if warm enough.

THE SOIL best suited to flowers is a light, rich loam, made as fine and smooth as possible. If heavy, mix with sand to lighten, and make it friable. Many seeds are very small and require a fine seed-bed.

HALF-HARDY and TENDER FLOWERS should not be sown or transplanted outside until the weather is settled and warm.

HARD-SHELLED SEEDS like Cannas, Moon-vines, Morning-Glories should have a hole filed through the outer shell, or be soaked in warm water 24 hours before planting.

PLANTING CALENDAR

MARCH

Sow Outdoors Sweet Peas

Sow Indoors	Set Out
Ageratum.....	May 1
Antirrhinum (Snap- dragon).....	May 15
Asters.....	May 10
Carnation, Margue- rite.....	May 1
Celosia (Cockscomb).....	May 1
Cobaea scandens.....	May 1
Heliotrope.....	May 10
Hollyhock.....	May 10
Lobelia.....	May 1
Pansy.....	May 1
Petunia.....	May 1
Salvia.....	May 1
Stocks (Gilliflower).....	May 15
Verbena.....	May 1
Wallflower.....	May 1

APRIL

Sow Outdoors Nasturtiums

All those listed for March may also be planted in April and, in addition, the following:

Sow Indoors	Set Out
Alyssum.....	May 1
Calendula.....	May 1
Coleus.....	May 15
Cosmos, Late.....	May 1
Dahlias.....	May 1
Delphinium.....	May 15
Gourds, Ornamental.....	May 1
Helianthus (Sunflow- er).....	May 1
Marigold.....	May 1
Mignonette.....	May 1
Nicotiana.....	May 1
Phlox Drummondii.....	May 1
Poppy, Iceland.....	May 15
Ricinus (Castor-Oil Plant).....	May 10
Salpiglossis.....	May 10
Scabiosa.....	May 1
Vinca.....	May 10
Zinnia.....	May 1

MAY

This is the month of out-door sowing and planting. The following list of flowers comprises those which may be sown in the open, and which will mature into perfection before frosty weather sets in.

Sow Outdoors

(Do not require transplanting)

Sweet Alyssum	Calliopsis	Candytuft	Centaurea (Bachelor's Button)	Chrysanthemum, Annual	Clarkia elegans	Cosmos, Early	Delphinium	Dianthus (China Pinks)	Eschscholtzia (California Poppy)	Gaillardia (Blanketflower)	Godetia	Ornamental Gourds	Helianthus cucumerifolius (Miniature Sunflower)	Hunnemannia (Tulip-Poppy)	Larkspur, Annual	Lupins, Annual	Marigold	Mignonette	Morning-Glory	Nasturtiums	Petunia	Phlox Drummondii	Poppy	Portulaca	Salpiglossis	Scabiosa	Verbena	Zinnia and all other annuals. (Should be transplanted)
Asters	Balsam	Celosia	Cockscomb	Cosmos, Late	Dahlias	Marigold	Mignonette	Nicotiana	Ricinus																			

JUNE

This is the month to sow perennials. The varieties listed below can easily be grown from seed. All of them may be sown from June till middle of September.

To Remain Where Sown

Alyssum saxatile compactum	Aconitum (Monkshood)	Aquilegia (Columbine)	Asters, Hardy	Coreopsis	Campanula (Bluebells)	Candytuft, Sempervirens	Hibiscus	Lupines	Poppies, Iceland	Poppies, Oriental	Sweet William	Valerian (Garden Heliotrope)
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To Be Transplanted

Canterbury Bells	Delphinium	Digitalis (Foxglove)	Gaillardia grandiflora	Hollyhocks	Pyrethrum
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JULY

This is the most important month for sowing some flower seeds. The following biennials, if sown in July and transplanted in August or September, will flower the following spring.

Variety

Bellis perennis (English Daisies)	Pansies	Myosotis (Forget-me-not)	And All Perennials
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FLOWERS FOR SPECIAL PURPOSES

FOR BORDERS AND BEDDING. 6 to 12 inches high

Alyssum	Dianthus	Dwarf Phlox
Brachycome	Forget-me-not	Iceland Poppy
Candytuft	Lobelia	Pyrethrum
Centaurea	Mignonette	Portulaca
Dusty Miller	Pansy	Verbena
Daisy	Bedding Petunia	

FOR BORDERS AND BEDDING. 1 to 2 feet high

Ageratum	Chrysanthemum	Dwarf Nasturtium
Amaranthus	Coleus	Petunia
Antirrhinum (Snap- dragon)	Centaurea	Phlox
Aquilegia (Colum- bine)	Cockscomb	Poppy
Aster	Shasta Daisy	Salpiglossis
Balsam	Dianthus (Pinks)	Salvia
Begonia	Eschscholtzia	Scabiosa
Calendula	Gaillardia	Stokesia
Calliopsis	Godetia	Stocks
Candytuft	Heliotrope	Sweet William
Carnation	Annual Larkspur	Vinca
Clarkia	Marigold	Wallflower
	Marvel of Peru	Zinnia
	Mignonette	

PLANT IN BOXES AND TRANSPLANT

Ageratum	Cosmos	Ricinus
Aster	Godetia	Salpiglossis
Calendula	Lobelia	Salvia
Canterbury Bells	Marigold	Sensitive Plant
Calliopsis	Marvel of Peru	Stocks
Chrysanthemum	Petunia	Sweet William
Cockscomb	Pyrethrum	Verbena

These may also be planted where they are to grow.

FOR EDGING AND LOW BORDERS

Alyssum	Centaurea	Lobelia
Brachycome	Daisy	Portulaca
Candytuft	Forget-me-not	Stocks
Dusty Miller	Iceplant	

FOR CUT-FLOWERS

Antirrhinum (Snap- dragon)	Chrysanthemum	Rudbeckia
Alyssum	Cosmos	Salpiglossis
Aquilegia (Colum- bine)	Dahlia	Scabiosa
Aster	Shasta Daisy	Stokesia
Calendula	Dianthus (Pinks)	Stocks
Calliopsis	Eschscholtzia	Miniature Sun- flower
Candytuft	Gaillardia	Sweet Sultan
Carnation	Gypsophila	Sweet William
Flowering Centau- reas	Heliotrope	Sweet Peas
	Marigold	Zinnia
	Mignonette	
	Nasturtium	

FOR TALL BEDS, GROUPS AND BACKGROUNDS

Amaranthus	Hollyhock	Salvia
Calliopsis	Kochia (Burning- bush)	Salpiglossis
Canna	Perennial Larkspur	Scabiosa
Canterbury Bells	African Marigold	Stokesia
Tall and Plumed	Nicotiana	Sunflower
Cockscomb	Oriental Poppy	Woolflower
Cosmos	Evening Primrose	Zinnia
Dahlia	Ricinus	
Digitalis		

FOR POTS, PORCH-BOXES, AND BASKETS

Ageratum	Lobelia	Petunia
Alyssum	French Marigold	Smilax
Begonia	Tall and Dwarf	Stocks
Centaurea	Nasturtium	Thunbergia
Dusty Miller	Nepeta	Vinca
Iceplant	Oenothera	Verbena

FOR MOUNDS AND ROCKERIES

Alyssum	Heuchera	Saponaria
Candytuft	Iceplant	Smilax
Coleus	Lobelia	Thunbergia
Dianthus	Mimulus	Verbena
Gypsophila	Pansy	Viola
Helianthemum	Phlox	
Heliotrope	Portulaca	

FOR LIGHT SHADE

Aconitum	Digitalis	Myosotis
Ajuga reptans	Dolichos	Nicotiana
Antirrhinum	Godetia	Pansies
Arabis	Hibiscus	Primula
Candytuft	Heuchera	Platycodon
Chinese Lantern	Humulus	Salpiglossis
Plant	Lantana	Scabiosa
Clarkia	Lupins	Schizanthus
Cobaea scandens	Lobelia	Violet
English Daisy	Marvel of Peru	

1001 GARDEN QUESTIONS ANSWERED By Alfred C. Hottes

Written in the form of questions and answers, this book is a wonderfully quick method of answering all questions pertaining to a moderate-sized place. Information on all phases of gardening—flowers, fruits, vegetables, lawns, trees, bulbs, propagation, soils, pruning, storage, fertilizers, calendar, etc. Over 388 pages, 160 illustrations. Cloth. \$3.00, postpaid \$3.15.

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The most popular general garden handbook ever published 576 pages. 300 illustrations. Cloth \$3.50, postpaid \$3.65.



Perennial Border

ANNUAL FLOWER SEEDS

AGERATUM. *Floss Flower.* Fine for edging or solid effects. Continuous bloom.

- 301A **The Golden.** See page 3.
301B **Dwarf White.** See page 3.
301C **Fairy Pink.** See page 3.
301D **Lasseauxi.** See page 3.

- 1 **Imperial Dwarf Blue.** 6 in. Pkt. 10c; oz. \$2.50.
2 **Little Dorritt.** White. Pkt. 10c.
301 **Midget Blue.** See page 3.
3 **Tall Mixed.** Flowers in dense clusters. 2 ft. Pkt. 10c; 1/4oz. 25c.
4 **ALYSSUM, Carpet of Snow.** One of the most popular garden flowers, in bloom all season. Used for edging or in rockeries or vases. 3 in. Pkt. 10c; oz. 75c.
5 **Violet Queen.** A very pretty deep lavender-lilac, of dwarf compact habit. 6 in. Pkt. 10c.

ANTIRRHINUM - Snapdragon

- 303 **Super Majestic Rustproof.** 20 in. Very fine. Pkts. 15c and 25c.
302 **Tetra.** See page 3.
303A **Magic Carpet.** See page 3.

- 6 **Semi-dwarf Rustproof. 20 in. high**
Large flowers. Excellent for bedding. To have flowers early, sow indoors during February and March.

Garnet. Velvety crimson.
Amber and Gold.
Carmine-Rose.
DuBarry. Flaming salmon-rose.
Indian Girl. Old gold.
Wild Fire. Bright orange.
All Colors Mixed.

Each, pkt. 10c; large pkt. 25c; 1/4oz. \$1.00

- 7 **Tall Rustproof. 34 in. high**

75 per cent resistant to Antirrhinum rust.
Campfire. Scarlet.
Copper King. Copper-red.
Daffodil. Yellow.
Apple Blossom. Rose-pink; white tube.
Loveliness. Pink.
Alaska. White.
All Colors Mixed.

Each, pkt. 10c; large pkt. 25c; 1/4oz. \$1.00

- 8 **Best Forcing Varieties**

Afterglow. Bronze.
Ceylon Court. Yellow.
Cheviot Maid Supreme. Early. Pink.
Christmas Cheer. Rose.
Lucky Strike. White.
Terry Surprise. Improved, orange.
Velvet Beauty. Crimson.
All Colors Mixed.

Each, pkts. 50c and \$1.00



7 Snapdragon, All Colors Mixed. Pkt. 10c

AMARANTHUS. Brilliant-foliaged annuals growing from 3 to 5 feet high. They thrive best in a hot, sunny location, not too rich soil, and must be given sufficient room to develop their full beauty.

- 9 **Molten Fire.** Brilliant poinsettia-like tips. Called "Summer Poinsettia." The most brilliant of this family. Foliage bronzy crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. Grows from 4 to 5 feet. Pkt. 10c.

- 10 **Tricolor splendens.** *Josephs-Coat.* An improvement on the old sort; of more brilliant coloring. Pkt. 10c.

- 10A **Finest Mixed.** Pkt. 10c.

- 11 **ARCTOTIS grandis.** *African Daisy.* Bushy annual plants, producing the entire season, on long stems, large, blue-eyed, daisy-like flowers, pure white on the upper surface; reverse lilac-blue. 2 ft. Pkt. 10c.

- 12 **Hybrida.** New African Daisy with beautiful flowers. Plants are about 1 foot tall with soft gray-green, wavy-edged leaves. The flowers are in pink, scarlet, and yellow shades and white, each with a dark disc in the center. Truly wonderful cut-flowers. Pkt. 25c.

- 301E **ARGEMONE.** See page 3.

- 13 **ASPARAGUS plumosus nanus.** For house or conservatory decoration. Much used by florists. Pkt. 25c; 100 seeds \$1.00.

- 14 **Sprengerii.** Pkt. 25c; 100 seeds \$1.00.

Superb Asters

Wilt-Resistant

- 15 **Branching Aster.** Late. Finest Mixed. Pkt. 10c; oz. \$2.50.

- 304 **Giants of California.** See page 3.

- 16 **American Beauty.** *Wilt-resistant.* The queen of all Asters. Far superior to Peony and branching varieties. In five colors: Lavender, Crimson, Dark Blue, Pink, and White, and All Colors Mixed. Each, pkt. 10c; oz. \$2.75.

- 17 **Sunshine Aster.** This pretty Anemone-flowered variety is of great value either in beds, borders, or for cutting. Plants grow about 1 1/2 feet high. The dainty flowers are held erect on good stems. The mixture offered contains a splendid range of delicate colors. Pkt. 10c.

- 18 **Queen of the Market.** *Wilt-resistant.* Very early. White, Pink, Lavender, Scarlet, Dark Blue, and Choice Mixed. Each, pkt. 10c; oz. \$2.50.

- 304A **Santa Maria.** See page 3.

- 19 **BALLOON-VINE.** *Love-in-a-Puff.* A rapid-growing annual climber. Seed-pods like miniature balloons. Pkt. 10c.

- 20 **BALSAM.** *Lady's-Slipper.* An old-fashioned flower. With plenty of room they will develop to immense plants with gorgeous flowers. Mixed Colors. Each, pkt. 10c.

- 20A **Double Bush-flowering.** 12 to 15 in. Mixed. Pkt. 15c and 50c.

- 21 **BALSAM-APPLE (Momordica).** Handsome climbing annual bearing ornamental, orange-colored fruit. Pkt. 10c.

- 22 **BEGONIA semperflorens.** Invaluable for bedding and pot-culture. About 1 foot high. Beautiful foliage. Pink, White and Crimson, Mixed. Pkt. 25c.

- 23 **Gracilis, Carmen.** Bronze foliage. Bright rose flowers. Pkt. \$1.00.

- 24 **Christmas Cheer.** Crimson-scarlet. Pkt. \$1.00.

- 25 **Gracilis luminosa.** Scarlet. Pkt. \$1.00. For pot-culture, the above produce compact plants that find ready sale.

- 307A **BELLS OF IRELAND.** See page 3.

ORDER BY NUMBER AND NAME
All Flower Seeds sent postpaid.



304 Aster, Giants of California, Mixed. Pkt. 15c

- 26 **BLACK-EYED SUSAN (Rudbeckia hirta).** Large; orange, black center. 18 in. Pkt. 10c.

- 27 **BRACHYCOME.** *Swan River Daisy.* A desirable hardy annual, blooming profusely the greater part of the summer. Small blue flowers resembling those of the cineraria. 9 in. Pkt. 10c.

- 28 **CACTUS.** All kinds and forms. Mixed. Pkt. 25c.

- 305 **CACALIA.** See page 3.

- CALENDULA.** *Pot-Marigold.* Free-flowering, showy annuals of easy culture, producing a fine effect in beds or mixed borders; valuable also for pot-culture for winter and spring blooming. 1 ft.

- 29 **Ball's Long Orange.** An extra long-stemmed deep golden yellow used for forcing. Pkt. 25c; 1/4oz. 60c; oz. \$2.00.

- 29A **Masterpiece.** Glowing orange, dark eye. Pkt. 25c; 1/4oz. 60c; oz. \$2.00.

- 30 **Orange Shaggy.** Beautifully fringed or laciniated flowers of deep orange shaded lighter at center. A very effective two-toned coloring and a beautiful long-stemmed cut-flower. Pkt. 10c.

- 31 **Lemon Queen.** Lemon-yellow. Pkt. 10c; oz. 75c.

- 32 **Orange King.** Rich dark orange. Pkt. 10c; oz. 75c.

- 306 **Yellow Colossal.** Pkts. 15c and 25c.

- 33 **Mixed.** Pkt. 10c; oz. 40c.

- CALIFORNIA POPPY.** See Eschscholtzia.

THE BOOK OF ANNUALS

By Alfred C. Hottes

Describes over 100 kinds of annuals.
172 pages. \$2.00, by Parcel Post \$2.15.

The Celosias Are an Interesting Flower Family



37 Carnation (Marguerite.) Pkt. 10c

34 CALLIOPSIS. A very showy annual in bloom from early summer until frost. Single or double. All colors mixed. Pkt. 10c; oz. 50c

35 CAMPANULA, New Annual Single. *Canterbury Bells.* A new variety which blooms from seed in less than six months. Plants grow from 2 to 2½ feet high and each produces from 6 to 8 spikes of bloom. Originator's stock seed in a selected mixture only. Pkt. 10c.

36 CANDYTUFT. Dwarf, profuse bloomer of easy culture. Useful for bedding and borders. Red, Lavender, Pink, Crimson, White and Choice Mixed. Each, pkt. 10c; oz. 75c.

37 CARNATION. *Marguerite.* These are the most satisfactory of the annual Pinks, and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom. Pkt. 10c; ¼oz. 75c.

37A Enfant de Nice. Also for forcing. Finest mixed. Pkt. 25c.

37B CANARY-BIRD-VINE. One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 10c.

38 CARDINAL CLIMBER (*Ipomœa Quamoclit hybrida*). In a warm, sunny location with good soil, it often reaches a height of 20 feet. The vines are clothed with palm-like, rich green leaves, bespangled with clusters of fiery scarlet, tubular spear-shaped flowers, measuring about 1¼ inches across. Pkt. 10c.

39 CORNFLOWER (*Centaurea cyanus*). Also known as Blue Bottle, Ragged Robin, Bachelors Button. An old favorite garden annual. Blue Boy, Pink, White and Red. Each, pkt. 10c; oz. 60c.

40 All Colors Mixed. Pkt. 10c; oz. 50c.

41 Jubilee Gem. A dwarf Cornflower with 1-foot, compact plant literally covered with dark but vivid double blue flowers. In addition to its garden value it makes a splendid pot-plant. Pkt. 15c; 2 pkts. for 25c.

42 CENTAUREA imperialis. *Sweet Sultan.* Gigantic, beautiful, sweet-scented flowers borne on long stems. Mixed. Pkt. 10c.

43 Gymnocarpa. *White-leaved Dusty Miller.* Grown for its silver foliage. 2 ft. Pkt. 10c; ¼oz. 60c.

44 Candidissima. *Dwarf Dusty Miller.* Fine for edging and hanging-baskets. Pkt. 15c; ¼oz. \$1.00.

45 CHRYSANTHEMUM, Annual. Plants 2 feet high, bearing in profusion large, daisy-like flowers on good stems. Quite distinct from the hardy perennial and autumn-flowering varieties. Mixed colors. Single or double. Each, pkt. 10c; ¼oz. 25c.

45A Yellowstone. Known as yellow daisy. Single and double, 2-inch flowers. 20 inches tall. Pkt. 25c; ¼oz. 75c.

46 CINERARIA grandiflora, Prize Mixed. One of the most ornamental and useful plants for conservatory and house decorations. Medium tall. Pkts. 60c and \$1.00.

47 Cremer's Prize Strain. Pkts. 75c and \$1.50.

48 CLARKIA. One of the prettiest and showiest hardy annuals. They are useful for hanging-baskets, for vases, and as edging plants. Grow in partial shade. They bloom through midsummer to late autumn. 1½ ft. Pkt. 10c.

CASTOR-OIL BEAN. See *Ricinus*.

49 CELOSIA cristata. *Crested Cockscomb.* Very desirable annual of easy culture. Large, comb-like heads. Excellent border plants; very good for pots. Dry nicely for winter bouquets. Tall or dwarf. Red or Mixed. Each, pkt. 10c; ¼oz. 75c.



51 Chinese Woolflower (Celosia Childsi). Pkt. 10c

50 CELOSIA plumosa. *Feathered Cockscomb.* Very decorative plant for the garden. The feather plumes are excellent for cutting. Can also be cut and dried for winter use. Red, Mixed colors. Pkt. 10c; ¼oz. 50c.

50A Dwarf Fire Feather. A striking plant 12 inches high. Leathery scarlet plumes. Pkt. 15c; 2 pkts. for 25c.

50B Dwarf Golden Feather. Large, showy yellow plumes. Pkt. 15c; 2 pkts. for 25c.

50C Empress Nana. Velvety maroon. 18 in. Pkt. 15c.

51 CHINESE WOOLFLOWER (*Celosia Childsi*). This is a unique form of the Feathered Cockscomb, growing 2 to 3 feet high, each branch terminated with a large head that looks as if made of silky wool. Effective in beds and highly interesting for cutting, as they can be dried and retain their bright color for weeks. Mixed or Scarlet. Each, pkt. 10c; ¼oz. 50c.

52 COBÆA scandens. *Cup-and-Saucer Vine.* Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise, and merely cover with light soil. Blue and White, Mixed. Pkt. 10c.

307 CLEOME, Pink Queen. *Spider Plant.* Pink turning white. Pkt. 25c.

53 COLEUS, Large-leaved Hybrids. Popular bedding plant with beautifully colored foliage. Easily grown from seed if kept in warm temperature. Pkt. 25c.

305 Coral Flower. See page 3.

54 COSMOS, Sensation. Mammoth flowers, 4 to 5 inches in diameter, on long, strong stems. Blooms in 10 weeks from seeding. 4 ft.

Pinkie. Rose-pink.

Purity. White.

Cardinal. Red.

55 Mixed.

Each, pkt. 10c; ½oz. 25c.

56 Cosmos, Orange Flare. An early-flowering strain, blooming in four months from seed. Marigold-like foliage. Grows 2 to 3 feet tall, bushy. Pkt. 10c.

308 Yellow Flare. *Silver Medal.* This splendid cutting flower is a golden yellow form of the original Orange Flare. Plants grow about 4 feet tall, come into bloom very early, and bloom profusely until late fall. Pkt. 15c.

308A Radiance. *New.* See page 3.

57 Lady Lenox. A giant-flowering late strain that blooms profusely. Pink, White, Crimson, or Mixed. Each, pkt. 10c; oz. 75c.

58 Early Summer-flowering. Large flowers with broad petals. Comes into bloom in July. Profuse bloomer. 4 ft. Crimson, Pink, White, and Mixed. Each, pkt. 10c; oz. 75c.

59 Double-crested. This is an entirely new class of Cosmos that blooms very early and produces double-crested flowers of exceptional beauty. The grower does not claim that all plants have double flowers (the fields show about 50 per cent). Pink, White, Crimson, and Mixed. Each, pkts. 10c and 25c.

60 CUPHEA, Firefly. *Cigar Plant.* Ten-inch flowers from seed in 10 to 12 weeks. Blooms all summer. Pkt. 25c.

61 CYPRESS VINE (*Ipomœa Quamoclit*). A very graceful annual climber with feathery foliage and beautiful, star-like flowers. Scarlet, Mixed. Each, pkt. 10c.

62 CYNOGLOSSUM, Firmament. *Chinese Forget-me-not.* New dwarf type. Plants compact, 15 to 18 inches tall. Especially free-flowering in habit and noted for its long season of bloom. Pkt. 10c; ¼oz. 40c.



55 Cosmos, Sensation, Mixed. Pkt. 10c

DAHLIAS. There is no more fascinating flower to raise from seed than the Dahlia. The results are a series of surprises. Sow in March indoors and they will bloom by the end of June.

63 California Giants. A selection from named varieties, grown by a celebrated producer in California. Pkt. 25c.

64 Unwin's Dwarf Hybrids. Graceful semi-double flowers in many colors. Fine for bedding and cutting. Pkt. 15c.

64A Coltness Hybrids. Dwarf. Single. Will bloom in 4 months. Pkt. 15c.

64B Unwin's Ideal Bedding. Pkt. 15c; special pkt. 50c.

309B DAISY, Dahlberg. See page 3.

309 Tahoka. Dwarf blue; long stems. Pkts. 15c and 25c.

65 DIANTHUS chinensis. Chinese Pinks. Single, Mixed. Pkt. 10c.

66 Double, Mixed. Pkt. 10c.

67 Sweet Wivelsfield. A hybrid between a Pink and a Sweet William. Seed started in January and planted out in April will flower in May and bloom all summer in a variety of colors. Pkt. 10c.

311 Heddensis, Westwood Beauty. Single mixed. Fine for cutting. Pkts. 15c and 25c.

311A Highland Hybrids. Pkts. 15c and 25c. See page 3.

68 DIMORPHOTHECA aurantiaca. African Orange Daisy. Long stems. Pkt. 10c.

69 Aurantiaca hybrida. A splendid mixture of colors and shades. Pkt. 10c.

70 DIDISCUS cærulea. Blue Lace-Flower. The exquisite pale lavender blossoms are excellent for cutting. Plants grow about 1½ feet high, and have as many as 50 flowers open at one time. Pkt. 10c.

71 DOLICHOS Lablab. Hyacinth Bean. Texas Climber. Showy climber, making rapid growth. White, Purple, Mixed. Each, pkt. 10c; oz. 25c.

72 EUPHORBIA. Snow-on-the-Mountain. Plants with ornamental foliage. Very showy and easily raised from seed. Pkt. 10c.

72B Heterophylla. Fire-on-the-Mountain or Annual Poinsettia. Pkt. 10c.

73 ESCHSCHOLTZIA californica. California Poppy. Poppy-like flowers in shades of scarlet, yellow, mauve, and orange-scarlet. Blooms from June till frost. Fine for borders or large beds. Choice Mixed. Pkt. 10c; oz. 75c.

EVERLASTINGS or STRAWFLOWERS. See Helichrysum, Statice, Gomphrena.



66 Dianthus, Double Mixed. Pkt. 10c

FOUR-O'CLOCK. See Marvel of Peru.

73A FLAX, Blue or Scarlet. Hardy annual. Pkt. 10c.

74 GAILLARDIA, Single or Double. Blanketflower. One of the best garden flowers. Excellent for cutting. The large, highly colored, daisy-like flowers appear continually during the season. Pkt. 10c; ¼oz. 25c.

75 Indian Chief. A magnificent large, single flower with dark brown center and showy, metallic red petals. Fine for garden display or cutting. 2 ft. Pkt. 10c; ¼oz. 25c.

76 GODETIA. Satin Flower. Easily grown plants produce a profusion of beautiful flowers of satiny texture. Mixed colors. Pkt. 10c.

76A Carmine Improved. Tall, graceful plants with racemes of double flowers, throwing a large carmine blotch, spreading half-way outward from the base of each petal. Pkt. 10c.

77 GOMPHRENA globosa. Globe Amaranth. Clover-like heads of everlasting flowers which can be dried for winter bouquets. 15 in. Red, Purple, and Mixed. Each, pkt. 10c; ½oz. 25c.

78 GERANIUM zonale, Mixed. Largest and finest varieties. Pkt. 25c.

79 GOURDS. Rapid climbers. State kind wanted.

LARGE-FRUITED	SMALL-FRUITED
Caveman's Club	Nest-Egg
Dishcloth or Luffa	Pear Shape
Hercules' Club	Mockorange
Calabash or Pipe	Spoon
Dipper	Apple

General Mixture of small and large varieties.

Each, pkt. 10c; oz. 75c

79A Surprise Mixture. Pkt. 15c; oz. \$1.00.

80 GYPSOPHILA. Babys-Breath. Free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft. White. Pkt. 10c; oz. 50c.

HELIANTHUS. See Sunflower.

81 HELIOTROPE. A well-known and highly prized plant on account of the delightful fragrance of the flowers. Excellent for pots or beds. Dark blue varieties. Pkts. 10c and 25c.

82 HELICHRYSUM. Strawflower. One of the most popular of the Everlastings; a splendid cut-flower, either fresh or dried. Pink, Crimson, Yellow, Violet, White, and Mixed Colors. Each, pkt. 10c; ½oz. 50c.

83 HUNNEMANNIA fumariæfolia. Giant Yellow Tulip-Poppy. 2 ft. Pkt. 10c.

84 HOLLYHOCK, Single, Annual. Mixed colors. Pkt. 10c.

309A HOUSE PLANTS. See page 3.

HYACINTH BEAN. See Dolichos.

85 ICEPLANT. Beautiful dwarf edging plants that bloom profusely in dry and sunny situations. Fine for pots. Covered with watery vesicles resembling pieces of ice. Pkt. 10c.

86 IMPATIENS, Holsti Hybrids. Sultan's Balsam. A wide range of exquisite colors. Blooms continuously from midsummer until frost. For outdoors and pot-culture. 1 to 2 ft. Pkt. 25c.

IPOMÆA. See Moonflower.

87 KOCHIA scoparia. Summer-Cypress; Mexican Fire-Bush. An easily grown annual with feathery green foliage which grows into a cypress-like hedge. At the approach of autumn the foliage turns to a deep red color. 2 to 3 ft. Pkt. 10c; oz. 40c.

LACE-FLOWER, BLUE. See Didiscus cærulea.

312B Loveapple, Scarlet. See page 3.



75 Gaillardia, Indian Chief. Pkt. 10c

88 LANTANA. Most desirable bedding plant. Seeds are best germinated in a greenhouse from January to March. Flowers resemble verbenas. Plants bloom all summer. Red and orange shades. Dwarf hybrids, mixed. Pkt. 10c; ¼oz. 50c.

89 LUPINS. Very desirable showy garden plants. Excellent for cutting. Graceful spikes. 2 ft. Pink, Dark Blue, Light Blue, White, and Mixed. Each, pkt. 10c; oz. \$1.00.

90 LOBELIA, Crystal Palace. No garden is complete without an edging of blue Lobelias. Very desirable for pots and hanging-baskets. Blooms July to October. Pkt. 10c.

91 LARKSPUR or ANNUAL DELPHINIUM, Double Stock-flowered. Splendid annuals of easy culture. If sown early in spring will produce blooming plants in July. Will bloom earlier when sown in autumn. White, Light Blue, Dark Blue, Pink, and Mixed. Each, pkt. 10c; oz. 75c.

310 Pink Perfection. Pkts. 15c and 25c.

Marigolds

92 FRENCH, Dwarf.

French Legion of Honor. Single; yellow blotched brown.

Golden Ball. Double.

Lemon Ball.

Naughty Marietta. Golden yellow, mahogany base.

Robert Beist. Rich mahogany-brown.

Royal Scot. Yellow and maroon, striped. Mixed Colors.

317 Spry. Yellow and red crested. Each, pkt. 10c; ½oz. 50c

93A Tagetes, Gnome. Golden yellow. 10 in. Pkt. 10c.

93 AFRICAN TALL.

Lemon Queen. Soft lemon-yellow.

Orange Prince. Golden orange.

Mixed.

Each, pkt. 10c; ½oz. \$1.00

94 GUINEA GOLD. A distinct type of Marigold, with graceful, pyramidal habit, growing 2 to 2½ feet high. Flowers semi-double, 2 to 2½ inches across. Wavy petals of a brilliant shade of orange and gold. Pkt. 10c; ½oz. 50c.

95 Dwarf Gigantea, Pot O'Gold. Double; deep orange. 15 in. Pkt. 10c.

96A Dwarf Gigantea, Gypsy Jewels. Double Mixed. 15 in. Wide range of brilliant colors. Compact plants; free blooming. Pkt. 10c.

Novelty Marigolds

- 320 Mission Giants, Goldsmith.** Golden orange. 30 in. **Mixed.** 18 in. Each, pkts. 15c and 25c.
- 316 Flash.** Single, red to bronze. 10 in. Pkts. 15c and 25c.
- 315 Real Gold.** Large flowers. Pkts. 15c and 25c.
- 315A Limelight.** See page 3.
- 317A Aurora.** See page 3.
- 97 Yellow Supreme.** New. Large, fluffy blooms which are sweetly scented. A fine companion to Guinea Gold. Flowers of dazzling lemon-yellow color, nearly 3 inches in diameter. Pkt. 10c.
- 98 Harmony.** A lovely Scabious-flowered type of the dwarf French Double Marigold. Plants are 10 to 12 inches high and produce great quantities of their lovely flowers which have a high golden orange center tuft and 4 or 5 rows of reddish brown guard petals. Pkt. 10c.
- 99 Gigantea, Sunset Giants.** Here we have a showy, sweetly scented, exceptional-sized Marigold flower averaging 5 inches in diameter, ranging in color from deep orange to lemon-yellow, and a new, delightful shade of primrose. Plants are 3½ to 4 feet high. They start blooming about July 15 and will bloom profusely until frost. Sunset Giant is worthy of the showiest spot in any garden. Pkt. 10c.
- 100 Crown of Gold.** A round-topped flower of rich golden yellow surrounded by a collar of big broad petals of the same color. Flowers sweet-scented. Foliage odorless. 2 ft. Pkt. 10c.
- 101 MARVEL OF PERU.** *Four-o'Clock.* Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Very showy. 2 ft. Pkt. 10c; oz. 50c.
- 102 MIGNONETTE, Golden Machet.** Valuable for cutting on account of its fragrance. Sow in succession during the whole summer; may also be forced in greenhouses during winter. Large, reddish tinted, sweet-scented flowers. Pkt. 10c; ½oz. 50c.
- 103 New York Market.** A specially selected strain of tall-growing, very sweet Mignonette. Pkt. 15c; ½oz. 75c.
- MOMORDICA.** See **Balsam-Apple.**
- 104 MOONFLOWER (*Ipomœa noctiflora*).** Climber. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c; oz. 75c.
- 105 Heavenly Blue.** Pkt. 10c.



315 Marigold, Real Gold. Pkt. 15c

Morning-Glories

- 322 Pearly Gates.** White. Pkt. 15c.
- 106 Double, Rose Marie.** An early, free-flowering variety; beautiful deep rose, of double and semi-double form. Pkt. 15c; 2 for 25c.
- 107 Imperialis, Single Fringed, Mixed.** These are the handsomest of all Morning-Glories. All colors. Pkt. 10c; oz. 50c.
- 108 Heavenly Blue (*Ipomœa*).** Beautiful flowers of bright sky-blue. Pkt. 10c; oz. 60c.
- 321 Scarlett O'Hara.** Carmine-red. Pkts. 15c and 25c.
- 108A PASSION VINE.** Unusual blue and white half-hardy climber. Pkt. 10c.
- MOURNING BRIDE.** See **Scabiosa.**
- 109 NICOTIANA.** Showy flowers so fragrant that a small bed will perfume the surrounding atmosphere. Red, White and Mixed. Each, pkt. 10c.
- 110 NIGELLA, Miss Jekyll.** *Love-in-a-Mist.* Beautiful double flowers of a clear cornflower-blue. Good for cutting. 1½ ft. Pkt. 10c.
- 110A NIEREMBERGIA.** See page 3.
- 111 OENOTHERA Lamarckiana.** *Evening Primrose.* Blooms from June until frost. The large, golden yellow, fragrant flowers open at dusk. 2 to 4 ft. Pkt. 10c; ¼oz. 40c.

Nasturtium

New Double Sweet-scented

- 112 Dwarf Gem, Mixed.** The dwarf, compact, globe-shaped plants are literally covered with many colored giant double and semi-double, long-stemmed, sweet-scented flowers. Pkt. 10c; oz. 25c.
- 113 Scarlet Gleam.** More dazzling in color than the showy Golden Gleam. The fiery orange-scarlet flowers are fully double, very large, well formed, and pleasingly sweet scented. Pkt. 10c; oz. 25c.
- 114 Double Gleam Hybrid.** The flowers are uniformly double, large, well formed and delightfully sweet scented, with stems long and wiry, bearing the numerous flowers well above the foliage. Pkt. 10c; oz. 25c.
- 115 Golden Gleam.** Makes a vigorous, large bush and throws out a few short runners, covered with double, large, golden yellow, fragrant blooms. Pkt. 10c; oz. 25c.

Single Dwarf Varieties

- 116 Dark-leaved Varieties Mixed.**
- 117 Empress of India.** Dark-leaved velvety dark scarlet blooms. Select flowers.
- 118 Fancy Giant-flowering Dwarf, Mixed.**

Above three varieties, pkt. 10c; oz. 25c; ¼lb. 75c

Quantity price on Nasturtiums furnished on application.

Tall Varieties

- 119 Mixed.** For covering trellises, fences, arbors, piazzas, or trailing from vases, urns, etc. Bloom early summer until frost. Pkt. 10c; oz. 25c.
- 119A Red-flowering.** Pkt. 10c; oz. 25c.

Perfection Pansies

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted. If started in the house from



121 Pansy, Triumph of Giants, Mixed Pkts. 25c and 50c

February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August and transplanting later gives us the main crop of flowers the following spring. Pansies thrive best in moist, semi-shaded situations in open exposure.

- 120 Giant Exhibition.** A blending of our own, containing only the very choicest the specialists in Europe have to offer. It can be relied on to produce flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 10c; oz. \$5.00.
- 121 Triumph of Giants.** Flowers of great brilliancy and richness of coloring, including many new and rare shades. Florists' strain. Finest mixed. Pkts. 25c and 50c; ¼oz. \$2.25; oz. \$8.00.
- 122 Swiss Giant Mixed.** Very large florists' strain. Pkts. 25c and 50c; ¼oz. \$2.25; oz. \$8.00.
- 123 Swiss Giants.** Dark Blue, Light Blue, Garnet, White, Yellow. Each, pkts. 25c and 50c; ¼oz. \$2.75; oz. \$10.00.
- 123 Swiss Giants. Fire Glow (Bronze), Jumbo Pay Dirt (Large Yellow), Raspberry-Rose.** Each, pkts. 25c and 50c; ¼oz. \$3.25; oz. \$12.50.
- 123A Winter-flowering Pansy.** For indoors. Pkt. \$1.00.

Petunias

The Petunia is without a peer among annuals for effective summer bedding or indoor culture. It is of easy culture, early to blossom, and continues throughout the summer until the first killing frost. No other flower produces greater diversity of color, retaining its freshness for so long a period

- 124 Superbissima, Single Giants of California.** Single, fringed and ruffled blooms. The best strain of giant, pot-grown Petunias, all selected from the finest new colors, hand pollenized and glasshouse grown. Fine for potting. Pkts. 25c and 50c.
- 125 Grandiflora, Double Giants of California.** Selected and hybridized with the greatest care. Flowers large, beautifully fringed, and embracing the choicest colors. When transplanting Double Petunias it is very important to plant also the very smallest plants, as these as a rule produce the best double flowers. Pkt. \$1.25.

- 313A Salmon Supreme.** Salmon-pink. Dwarf, compact. Pkt. 15c; 2 pkts. 25c.

ORDER BY NUMBER AND NAME



136 Petunia, Howard's Star. Pkt. 10c

PETUNIAS, continued

Bedding and Window-box

- 126 **General Dodd.** Rich blood-red. Splendid bedding variety. 18 in. Pkt. 10c.
- 127 **Fluffy Ruffles.** Handsome large ruffled flowers with finely fringed edges. Many splendid colors. Pkts. 25c and 50c.
- 128 **Fine Bedding.** Very fine. Striped blotched, and all colors mixed. 12 in. Pkt. 10c; oz. \$2.50.
- 129 **Elk's Pride.** Large, deep royal purple. 12 in. Pkts. 25c and 50c; $\frac{1}{8}$ oz. \$1.75.
- 130 **Flaming Velvet.** Brilliant velvety blood-red. Plants neat, compact, and bearing a profusion of blooms through the summer. 18 in. Pkts. 25c and 40c.
- 131 **Snowstorm.** Large; pure white. 12 in. Pkts. 25c and 50c; $\frac{1}{8}$ oz. \$1.75.
- 132 **Snow Queen.** Pure white. 12 in. Pkt. 10c; oz. \$3.50.
- 133 **Rosy Morn.** Pink. Pkt. 10c; oz. \$3.00.
- 134 **Rose of Heaven.** A very effective rich and brilliant variety with luminous rose-pink blooms. 12 in. Pkt. 10c; $\frac{1}{8}$ oz. 75c.
- 135 **Heavenly Blue.** Silvery blue. 12 in. Pkt. 10c; $\frac{1}{8}$ oz. \$1.00.
- 313 **Igloo.** White. 8 to 10 in. Pkt. 25c.
- 314 **English Violet.** Violet-blue. 12-in. Pkt. 25c.
- 314A **Celestial Rose.** Brilliant rose. Compact. Pkt. 15c; 2 pkts. 25c.
- 136 **Howard's Star.** A beautiful variety. Produces a profusion of single reddish purple flowers, each having a distinctive five-pointed white star. Pkt. 10c; oz. \$3.50.
- 137 **Howard's Star Improved.** Velvety purple, pure white star. 18 in. Pkts. 25c and 40c.
- 138 **Twinkles.** Beautiful pink blooms with white star. 8 in. Pkts. 15c and 40c.
- 138A **Miniature Mixed.** 8 in. Pkts. 25c and 40c.

Balcony

- 139 **Balcony.** A splendid free-flowering type for window or porch-boxes, vases, etc.; valuable for bedding, giving a display of flowers the entire summer. The blooms are large, averaging 3 inches across. Blue, Red, Rose, and White. 18 in.
- 140 **Mixed Colors.**
Each, pkts. 10c and 40c; $\frac{1}{4}$ oz. \$1.00

Poppies

Dainty flowers with tissue-like petals. If cut just before opening and the stems seared or dipped in boiling water, they make splendid cut-flowers. Plant as early as possible where they are to stay.

Single Varieties

- 141 **Shirley.** A bed of these Poppies produces a gorgeous effect in the garden. Brilliant colors. Pkt. 10c; oz. 60c.

POPPIES, continued

- 142 **American Legion.** Scarlet-white Maltese Cross. Pkt. 10c; oz. 75c.

Double Varieties

- 143 **Double-flowered, Mixed.** Immense double flowers, resembling a peony. 2 ft. Pkt. 10c; oz. 60c.
- 301E **POPPY, MEXICAN.** See page 3.
- POPPY, YELLOW TULIP.** See *Hunne-mannia*.
- 143A **PIMPERNEL.** For edging. 8 to 10 in. Pkt. 15c.
- 144 **PORTULACA, Single.** *Mexican Rose.* Brilliant hardy annual of easy culture. Excellent for massing in beds or rock-work. Thrives best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Pkt. 10c; $\frac{1}{8}$ oz. 75c.
- 145 **Double.** Pkt. 10c; $\frac{1}{4}$ oz. \$1.00.
- 146 **PHLOX Drummondii.** Easily grown from seed. Makes a brilliant display as a summer bedding plant. White, Pink, Scarlet, Purple, Primrose, Violet with eye, Rose with white eye, all colors Mixed. Each, pkt. 10c; large pkt. 25c; $\frac{1}{8}$ oz. \$1.00.
- 147 **PRIMULA malacoides.** Finest mixed. Pkt. \$1.00.
- 148 **ROCK-GARDEN MIXTURE.** Choicest dwarf varieties of annuals. Pkt. 10c; oz. \$1.00.



145 Portulaca, Large-flowering, Double. Pkt. 10c

Ricinus • Castor-Oil Bean

One of our best ornamental annual plants, largely used for the center of beds, being splendidly effective grouped with cannas, caladiums, and other tall plants.

- 149 **Zanzibarensis.** Large bright green leaves with white veins. Mixed. 7 ft. Pkt. 10c; oz. 30c.
- 150 **Mixture.** Appreciating fully the splendid effects that a fine array of these desirable foliage plants will make in your garden, we have composed a mixture that for elegant blending is unsurpassed. Pkt. 10c; oz. 25c.
- 151 **SALVIA splendens.** *Scarlet Sage.* There is nothing more effective in the fall or mid-summer than these immense bright scarlet flowers. Seed should be started either in the house from February until April or in hotbeds. Pkt. 10c; $\frac{1}{4}$ oz. \$1.25.
- 152 **Bonfire.** Compact, bushy plants, producing innumerable, erect spikes of the most brilliant scarlet flowers. $2\frac{1}{2}$ to 3 ft. Pkt. 25c; $\frac{1}{4}$ oz. \$1.50.
- 153 **America.** Early. Of dwarf, bushy, compact growth and very uniform in height and shape. Spikes of brilliant scarlet. 18 in. Pkt. 25c; $\frac{1}{4}$ oz. \$2.00.
- 153A **Blaze of Fire.** Earliest of all. Bright scarlet. 10 in. Pkt. 25c; $\frac{1}{4}$ oz. \$1.50.
- 312A **The Baby Salvia.** See page 3.

SALPIGLOSSIS sinuata. Painted Tongue.

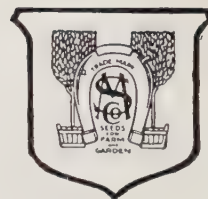
Very beautiful hardy annual plants, flowering freely from July to early autumn. Rich soil should be provided with plenty of space for plants to develop.

- 154 **Exquisite.** Mixed, light blue and gold. A variety of rich coloring. Pkt. 10c.
- 155 **SCABIOSA.** *Mourning Bride; Pin-cushion Flower; Egyptian Rose.* Beautifully colored flowers. Fine for cut-flowers. $2\frac{1}{2}$ ft. Rose, Blue, White, Maroon, Red, Yellow, and Mixed. Each, pkt. 10c.
- 312 **Blue Moon.** Pkts. 10c and 25c.
- 156 **SCARLET RUNNER.** Ornamental and useful Climbing Beans. Pkt. 10c; oz. 15c.
- 157 **SENSITIVE-PLANT** (*Mimosa pudica*). A curious and interesting, half-hardy annual with pinkish flowers. Leaves close when touched. $1\frac{1}{2}$ ft. Pkt. 10c.
- 158 **SMILAX.** A well-known greenhouse climber with small, dark green foliage. Of great value in floral work. Pkt. (15 seeds) 25c; $\frac{1}{4}$ oz. \$1.00.
- 159 **SCHIZANTHUS.** *Butterfly or Fringed Flower.* A wide range of beautiful colors. Pkt. 10c.
- 160 **Giant-flowered Hybrids, Florists' Strain.** Pkts. 25c and 50c.
- SNAPDRAGON.** See *Antirrhinum*.
- SNOW-ON-MOUNTAIN.** See *Euphorbia*.
- 161 **SOLANUM, Christmas Pepper.** An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 25c.
- 162 **Cleveland Cherry.** Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. 1 ft. Pkt. 10c; large pkt. 30c.
- 163 **STATICE.** These have become quite popular, the flowers being used extensively by many of the leading florists. The seeds, supplied in the dried flower-heads, may be started indoors or sown in the open when the weather gets warm. In order to secure satisfactory germination, the flower-heads should be placed in the soil on their sides. 18 in. All Colors Mixed. Pkt. 10c.
- 164 **STOCK.** Half-hardy annual. Fine for cutting, bedding or edging, also pot-culture. 1 to $1\frac{1}{2}$ ft. White, Pink, Yellow, Crimson, Light Blue, Dark Blue, or All Colors Mixed. Each, pkt. 10c; $\frac{1}{4}$ oz. 50c.
- 164A **For Forcing. Non Branching.** Double Giant Mixed. Pkts. 25c and 60c.
- 164B **For Forcing. Base Branching.** Yellow, Pink, White or Blue and all colors Mixed. Each, pkts. 25c and 60c.
- 165 **Evening-scented.** An old-fashioned favorite grown primarily for the entrancing fragrance of its pastel purplish lilac blooms. It is most fragrant during the evening hours. 18 in. Pkt. 10c.

STRAWFLOWER. See *Helichrysum*.



155 Scabiosa, Finest Mixed. Pkt. 10c



Select Sweet Peas

For Sweet Pea Inoculation, see page 25. All Sweet Peas postpaid

Sow 1 ounce of seed to 9 feet of row

The soil for Sweet Peas should be rich and deep. A good loam, with plenty of well-rotted manure in it, is ideal for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Inoculating Culture. We can supply a special culture for Sweet Peas for 15c—enough for any ordinary garden. Place in a position fully exposed to the sunlight and air on both sides of row.

They should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Baltimore, or they can be planted in October or November for earlier blooming. For fall planting, they must be planted 6 inches deep; in spring, 2 inches deep. As soon as they are above ground, thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be staked up, either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. The flowers should be cut as often as possible to prevent running to seed, which would cause them to stop blooming.

172A Superb Spencer Sweet Pea Mixture. This superb Mixture is blended by us with extraordinary care from named varieties of the most improved large-flowering type, including recent American and European novelties, as well as a great many new hybrids, as yet unnamed, insuring gorgeous color effect. Pkt. 10c; oz. 25c; ¼lb. 75c; lb. \$2.50.

Winter-flowering Spencer Sweet Peas

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five to six weeks earlier than the regular Spencer or Orchid-flowered type, and if the flowers are kept cut, they will continue to bloom for a long time.

184 Coquette. Deep salmon.

185 Bacchus. Rich red.

186 Bridesmaid. Deep silvery pink.

187 Tahoe. Mid-blue self.

188 Fragrance. Clear lavender.

189 Hiawatha. Deep rose-pink.

190 Gardenia. Best white.

191 All Colors, Mixed.

Each, pkt. 15c; oz. 75c

HARDY SWEET PEAS. See No. 263.



173 Sweet Pea,
Charming
Pkt. 10c

Separate Colors

173 Charming. Glowing cerise. Very fine immense blooms.

174 Flagship. Deep navy.

175 The Sultan. Maroon.

176 Avalanche. Glistening large pure white.

177 Highlander. Clear lovely lavender.

178 What Joy. This is a fine, rich deep cream.

179 Pinkie. A glorious rich rose-pink.

180 Chieftain. Satin mauve; very fine.

181 Red Boy.

182 Bonnie Briar. Very deep rose-pink.

183 Royal Purple.

Each, pkt. 10c; oz. 30c; ¼lb. \$1.00; lb. \$3.00

ORDER BY NUMBER AND NAME



192 Verbena hybrida compacta erecta.
Pkts. 10c and 25c

Sunflower • Helianthus

Well-known annuals, the small-flowering sorts being useful for cutting; the tall varieties valuable for backgrounds.

166 Lilliput. Miniature Sunflower. Small, single, rich yellow flowers, with dark eye. Abundant bloomer. 3 ft. No seed available.

167 Sun Gold. Double, large, golden yellow. 4 to 5 ft. Pkt. 10c.

168 Excelsior Hybrids. Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Tall. Pkt. 10c; oz. 60c.

169 Russian Mammoth. Immense single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c; oz. 25c.

170 STEVIA serrata. Free-blooming plants for summer or winter, bearing a profusion of fragrant white flowers. Fine for cutting. 2 ft. Pkt. 10c; large pkt. 30c.

171 THUNBERGIA alata. Black-eyed Susan. Beautiful, very ornamental climber. Flowers of various colors. Pkt. 10c.

172 TORENIA Fournieri. Showy annual flowering all summer. Splendid for vases, hanging-baskets or border. Flowers sky-blue with yellow centers. 1 ft. Pkts. 15c and 40c.



193 Vinca rosea



319 Zinnia, Giant Crested Howard, Mixed.
Pkt. 15c; large pkt. 25c

Zinnias (Youth and Old Age)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.



203 Dahlia-flowered Zinnia, Mixed. Pkt. 10c

Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling decorative dahlias that when placed by their side, it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

194 Canary Bird. Primrose-yellow.

195 Crimson Monarch. By far the largest and best of the red shades. Plants very vigorous.

196 Dream. A fine deep lavender turning to violet—a new, desirable shade in Zinnias.

197 Exquisite. One of the most pleasing in the collection. Truly Dahlia-flowered as regards form and size. Light rose.

198 Golden Dream. A very rich golden yellow.

199 Illumination. Deep rose self.

200 Purple Prince. A fine, deep purple, large and well formed.

201 Oriole. One of the most beautiful of its class. An immense orange and gold bi-color, changing slightly as it ages.

202 Polar Bear. A very large pure white. The best white yet seen in Zinnias.

Each, large pkt. 10c; 3 pkts. 25c; oz. \$1.25

Collection:

One pkt. each of the above 9 sorts, 75c

203 Finest Mixed. Containing a wonderful range of beautiful colors. Pkt. 10c; 3 pkts. 25c; oz. \$1.00.

Fantasy or Chrysanthemum-flowered

Quite different from any other type.

204 Star Dust. Golden yellow. Gorgeous bedding variety and an exceptional cut-flower.

205 Wildfire. Dazzling scarlet.

206 White Light. Fine white.

206A Mixed. A bright, colorful mixture of many shades. Pkt. 10c; ½oz. 25c; ¼oz. 40c.

318 Cactus-Flowering Giants. Pkts. 15c and 25c.

207 Super Crown o'Gold, Pastel Tints. The many exquisite pastel tints represented in this glorious new strain are truly enchanting. Flowers are large and showy, more than 5 inches in diameter, and are borne profusely throughout the summer and fall on plants 3 feet tall. Pkt. 10c; special pkt. 25c.

207A SCABIOUS-FLOWERED. The plant reaches a height of 40 inches and flowers profusely. Its outstanding feature consists in the formation of the flower forming an outer ring of long petals, whereas the center shows many small flowers which at first sight have a great likeness to the scabiosa. Mixed colors. Pkt. 10c.

208 DWARF DOUBLE. Cut and Come Again. Compact bushes not over 2 feet in height. Scarlet, Pink, Yellow, White, and All Colors Mixed. Each, pkt. 10c; oz. \$1.00.

CALIFORNIA GIANTS. Plants grow to a height of 3 to 4 feet with immense, perfectly double, flat flowers, splendid for cutting or garden effect.

209 Brightness. Bright pink.

210 Daffodil. Canary-yellow.

211 Grenadier. Bright red.

212 Lavender Queen. Deep rosy lavender.

213 Purity. Best white in Zinnias.

213A Orange King. Burnt orange.

Each, pkt. 10c; special pkt. 25c; oz. \$1.25; Special, 1 pkt. of each, 50c

214 California Giants, Mixed. Pkt. 10c; special pkt. 25c; oz. \$1.25.



318 Cactus-flowering Giant Zinnia, Mixed. Pkt. 15c

215 LILLIPUT or POMPON. A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small, densely double flowers on long stems, held well above the foliage. Make a good border or bed and are of more than usual value for cutting. Yellow, Purple, Pink, Red, White, Golden Orange, and All Colors Mixed. Each, pkt. 10c; oz. \$1.00. One pkt. of each color (6 pkts.), 50c.

216 Lilliput Pastel Mixture. Delicate pastel shades. Pkt. 10c; oz. \$1.00.

216A Black Ruby. Velvety maroon.

THE BOOK OF ANNUALS

By Alfred Carl Hottes

Describes over 100 kinds of annuals.

171 pages, \$2.00, postpaid \$2.10

319 Giant Crested Howard. Pkts. 15c and 25c.

217 LINEARIS. Single; golden orange with yellow stripe on each petal. Fine for border or window-boxes. Early. Blooms profusely until frost. A neat, compact plant. 10 in. Pkt. 15c; 2 pkts. for 25c.

218 TOM THUMB MINIATURE, Mixed. A charming type with plants growing 6 to 10 inches high, forming compact little bushes covered with perfectly double blooms of miniature size. Includes all popular Zinnia shades such as red, orange, yellow, pink, rose, and many others. Pkt. 10c; ¼oz. 50c.

219 HAAGEANA, MEXICAN HYBRIDS, Mixed. Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display, with long stems. Exceptionally good for house decorations. The mixture contains many attractive colors and color combinations. Pkt. 10c; large pkt. 50c.

220 CREEPING ZINNIA (*Sanvitalia procumbens*). For beds, borders and edging. The 6-inch plants bloom all summer and fall. Small bright yellow flowers. Pkt. 10c; ¼oz. 75c.

220A Annual Cut-Flower Seeds for Wild Gardens

A Surprise Collection, Containing Practically Every Annual in Existence

Large borders, walks, shrubbery borders, and the like, may be pleasingly brightened by freely sowing mixed flower seeds. And at blooming time, some of the cheery flowers may be cut and transferred indoors. Be careful not to sow the seeds too close together. Pkt. 10c; oz. 30c; ¼lb. \$1.00; lb. \$3.00.

220B Wild Flowers for Sunny Places. Pkt. 15c; 2 pkts. 25c.

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207A Scabious-flowered Zinnias. Pkt. 10c.

PERENNIAL AND BIENNIAL FLOWER SEEDS

Pkt. 10c, unless otherwise noted
Cultural Directions for Sowing Perennial and Biennial Flower Seeds

Perennial seed may be sown outdoors from May until September. A good, finely sifted soil should be used, to which add some sand and granulated peat moss. It is absolutely necessary that a shaded location be selected, or if sown in a coldframe, lath coverings or sash covered with burlap should be used. The soil must be kept moist at all times, therefore we deem it advisable to sow in this manner. If the soil should become dry for only a short period, the seed would be destroyed.

A common mistake in sowing flower seeds is covering too deeply; as a general rule cover only to a depth of the thickness of the seeds.

Some seeds are of much slower germination than others, therefore it is wise not to be impatient. For instance, Hardy Primulas will often lie dormant in the ground for six months to a year; Columbines and other varieties of a like nature, two to three months. As soon as the plants are large enough to handle, they should be transplanted to the permanent location in the perennial border or nursery rows.



235 Columbine (Aquilegia). Pkt. 10c

221 *ANCHUSA italica*, **Dropmore**. Rich gentian-blue. 3 to 5 ft. May, June. Pkt. 10c.

222 *ANTHEMIS tinctoria*. **Hardy Marguerite**. A handsome, hardy perennial, bearing daisy-like bright yellow flowers all summer. Excellent for cutting. 2 ft. Pkt. 10c.

223 *ACONITUM*. **Monksblood**. Pkt. 10c.

224 *ALYSSUM saxatile*. **Basket of Gold**. Yellow. For rock-gardens. Pkt. 10c.

225 *ANEMONE coronaria*, **St. Brigid**. **Choice Double, Mixed**. Anemones are easily grown from seed, bloom early when good cut-flowers are scarce, and are perfectly hardy. Semi-double. Pkt. 10c.

AQUILEGIA. See **Columbine**.

226 *ARMERIA formosa*. **Sea-Pink**; **Thrift**. Large, brightly colored, ball-shaped flowers. 16 in. Pkt. 15c.

227 *ARABIS*. **Rock-Cress**. Early spring-flowering plants especially adapted for edging and rockery. Pure white blossoms in May. 6 in. Pkt. 10c.

228 *ASTER*, **PERENNIAL**. **Michaelmas Daisy**. Pkt. 25c.

315B **HARDY BORDER BLEND**. See page 3.

228A **BRAZILIAN BUTTERFLY FLOWER** (*Asclepias*). 30 in. Blooms first year from seed. Buff, gold, and orange-scarlet. Fine cut-flower. Pkt. 15c; 2 pkts. 25c.

BELLIS. See **Daisy, English**.

229 *CAMPANULA Medium*. **Canterbury Bells**. Biennials which, if sown during the summer, bloom the following June, after which the plants die. They are fine border plants.

Single, Cup-and-Saucer. Blue, Pink, White, or Mixed. **Double**. Mixed Each, pkt. 10c.

230 **CANDYTUFT**, **Perennial** (*Iberis*). White, Lilac, and Mixed. Each, pkt. 15c; ¼oz. \$1.25.

230A *CATANANCHE caerulea*. Blue. 24 in. Pkt. 15c.

231 **CARNATIONS**, **Hardy Border**. Dwarf, compact plants with a great profusion of double flowers in various colors. Carnations like lime. 1 ft. Red, Pink, White, Yellow, and Mixed. Each, pkt. 25c; ¼oz. \$1.50.

231A *CERASTIUM tomentosum*. **Snow-in-Summer**. Dwarf, white-leaved edging plant. Flowers white. Pkt. 10c.

232 **CHINESE LANTERN PLANT**. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits which can be cut and dried for winter bouquets. Pkt. 10c.

233 *CHEIRANTHUS Allioni*. **Siberian Wallflower**. A biennial. Brilliant orange flowers. 1 ft. For the rock-garden. Pkt. 10c.

321A **CHRYSANTHEMUMS**, **Arctic Hybrids**. See page 3.

322B **Old Orchard Glories**. See page 3.

234 *COREOPSIS*, **Mayfield Giant**. A hardy perennial bearing a profuse and long-continued succession of large, bold, golden yellow flowers during the whole summer. Seed sown in March will flower the same season. 2½ ft. Pkt. 10c.

234A **Double, Sunburst**. Large; golden yellow. Fine cut-flower. Pkt. 10c.

235 **COLUMBINE** (*Aquilegia*). Graceful plants with long-spurred flowers. Thrives under ordinary garden culture. Orange and Scarlet, Blue, Pink, White, Yellow, and All Shades, Mixed. Each, pkt. 10c.

236 *Mrs. Scott Elliott's Strain*. Pkt. 25c.

237 *DAISY, English, Double* (*Bellis perennis*). Seed should be sown from June 1 until September, transplanted in the fall, and they will flower the following spring. If sown in the spring, they will flower in the autumn. 4 in. White, Pink, Crimson, and White Pink center, and Mixed. Each, pkt. 25c. Stock very scarce.

SHASTA DAISY. Very large, white flowers on long stems.

238 **Single**. Pkt. 10c.

239 **Double**. Fine for cutting. Extra-large. Pkt. 25c.

DELPHINIUM. **Hardy Perennial Larkspur**. Highly prepossessing plants of stately appearance and of easiest culture. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

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244A **Pacific Giants, Round Table Series**. The finest hybrids. Pkts. 25c and 50c.

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245 *Delphinium, M.-S. Hollyhock Strain*, **Choice Mixed**. One large spike with double and single flowers of enormous size. Light shades. Pkts. 25c and 50c.

246 *DIANTHUS plumarius*. **Garden Pinks**.

Should be in every garden where cut-flowers are wanted, and make a fine edging to a hardy border.

Single or Double Mixed. Pkt. 10c.

311A **Highland Hybrids**. See page 3.

246A *DICTAMNUS fraxinella*. Pink. 30 in. Pkt. 15c.

247 *DIGITALIS*. **Foxglove**. Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

Gloxiniaeflora, Mixed and The Shirley. Large spotted flowers. Mixed. Each, pkt. 10c.

248 **FLAX** (*Linum*). **Bright Blue**. 24 in. **Yellow**. 12 in. Each, pkt. 10c.

249 **FEVERFEW**. Double; white. Fine for cut-flowers. 1½ ft. Pkt. 10c.

250 *GEUM*. Double flowers of intense orange-scarlet. For sunny location. 2 ft.

Mrs. Bradshaw. Double; scarlet.

Lady Stratheden. Golden yellow.

Each, pkt. 10c.

251 *GAILLARDIA, Mixed*. If sown early, will bloom first season. Pkt. 10c.

252 **Goblin**. Compact plants 12 to 15 inches high, covered with yellow-bordered deep red flowers. Pkt. 10c.

253 *GERBERA*. **Transvaal Daisy**. Tender perennial producing showy, daisy-like flowers on long stems. Pkt. 25c; 100 seeds 75c.

249A **GLOBE THISTLE** (*Echinops*). 5 ft. Pkt. 15c.

254 *GYPSOPHILA paniculata alba*. White. Pkt. 10c.

255 **Repens**. A fine trailing plant, covered with tiny flowers. For rock-gardens. 8 in. White and Rose. Each, pkt. 10c.

256 *HIBISCUS*. **Mallow**. Easily grown, strong plants with large, showy flowers. 4 ft. Various colors mixed. Pkt. 10c.

257 *HEUCHERA sanguinea*. **Coral-Bells**; **Alumroot**. Spikes of vivid crimson flowers. Excellent for cutting. 1 ft. Pkt. 25c.



247 Digitalis (Foxglove) Pkt. 10c

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- 259 **HOLLYHOCK, Double**. Maroon, White, Yellow, Newport Pink, Crimson, and Mixed. Each, pkt. 10c.
- 260 **Single**. Choice colors, mixed. Pkt. 10c.
- 261 **HONESTY (Lunaria)**. Hardy biennial, admired for its silvery seed-pods which are used for ornamental purposes. Beautiful and curious. 2 ft. Pkt. 10c.
- 316B **IRIS, Avalon Blend**. See page 3.
- 262 **KUDZU VINE (Pueraria Thunbergiana)**. A beautiful climber, remarkable for its great vigor of growth and its handsome purple flowers. Perfectly hardy, increasing in size and beauty year after year. Fine for arbors, verandas, etc. Pkt. 10c.
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- 263 **LATHYRUS latifolius**. *Perennial Sweet Pea*. Showy, hardy climber fine for covering walls and stumps. Free flowering. Pink, Red, White, and Mixed. Each, pkt. 10c; oz. \$1.25.
- 264 **LUPINUS**. Hardy perennials of easy culture, with graceful spikes of pea-shaped flowers in May and June. 2 to 3 ft. Blue, Pink, White, and Mixed. Each, pkt. 10c.
- 265 **Russell Lupins**. Pkts. 25c and 50c.
- 266 **LAVENDER, Munstead Strain**. Deep lavender. 1 ft. Pkt. 10c.
- 316A **LILY, Special Blend**. See page 3.
- 267 **LYCHNIS chalcidonica**. *Maltese Cross*. Star-shaped scarlet flowers. 2 ft. Pkt. 10c.
- LUNARIA**. See *Honesty*.
- MYOSOTIS**. *Forget-me-not*. Beautiful half-hardy perennials, succeeding best in moist, shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering, seed should be sown in frames in July or August.
- 268 **Alpestris**. Plants of bushy habit, bearing bright royal blue flowers. Very fine. For rock-garden. 1 ft. Pkt. 15c.
- 269 **Grandiflora alba**. White. Pkt. 15c.
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244A **Delphinium, Pacific Giants, Round Table Series**. Pkts. 25c and 50c

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- 276 **Iceland**. These dwarf, bright Poppies are most beautiful when grown in masses from seed sown every year. 1 ft. Salmon-Pink, Red, Orange, Yellow, and Mixed. Each, pkts. 10c and 25c.
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- 278 **PRIMULA veris, Hybrids**. *Cowslip Primrose*. Hardy Primroses are among the most prized of our spring-blooming plants. 1 to 1½ ft. Mixed colors. Pkt. 25c.
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- 314B **Avalon Blend**. See page 3.
- 280 **PLATYCODON grandiflorum japonicum**. *Balloon-Flower*. Blue, bell-shaped flowers all season. 2 to 3 ft. Pkt. 15c.
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- 283 **PHLOX, HARDY**. For a gorgeous show these are the most satisfactory of all perennial plants. Mixed colors only. Pkt. 25c; ¼oz. \$1.00.
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- 287 **SAPONARIA ocymoides**. A splendid plant for the rockery. Rose-colored flowers. 9 in. Pkt. 10c.
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- 289 **Isaac House Strain**. An improvement on the above with larger flowers and longer stems. Color, from soft lavender to dark blue. Mixed. Pkt. 15c.
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SWEET PEAS. See *Lathyrus*.

- 291 **SWEET ROCKET (Hesperis)**. Excellent for naturalizing among shrubbery or for planting in a permanent border. Purple, White or Mixed. 2 to 3 ft. Pkt. 10c.



292 **Sweet William (Dianthus barbatus)**. Single. Pkt. 10c

- 292 **SWEET WILLIAM (Dianthus barbatus)**. This is one of the finest of our hardy garden plants. Single or Double Mixed. Pkt. 10c; oz. \$1.00.
- 292A **Separate Colors**: Single Scarlet, Newport Pink, White, Auricula-eyed, Dark Crimson. Each, pkt. 15c.
- 293 **Dwarf or Alpine**. A single strain of excellent dwarf type, most suitable for edging and rock-gardens. The flower-heads are very large and the color-range a selection of many bright and dark shades. 4 in. Pkt. 25c; large pkt. 75c; oz. \$4.50.
- 293A **Single Dwarf Sweet William**. 6 in. Pkt. 25c; oz. \$4.00.
- 293B **Double Dwarf Sweet William**. Pkt. 15c; oz. \$1.50.
- 294 **TRITOMA hybrida**. *Red-Hot Poker*. *Flameflower*; *Torchlily*. Pkt. 15c.
- 295 **VALERIANA rubra**. *Garden Heliotrope*. Hardy perennial border plant. Large, fragrant flowers with odor resembling that of the heliotrope. 2 to 3 ft. Mixed, Red and White. Pkt. 10c.
- 296 **VERONICA**. *Speedwell*. June, July. Dwarf mixed. Pkt. 10c.
- 297 **VIOLA cornuta**. *Tufted Pansy*. For rock-garden. All colors mixed. Pkt. 25c.
- 298 **Blue Gem (Jersey Gem)**. Possess the dwarf habit and continuity of bloom of the Tufted Pansy, but is of more vigorous growth, making it one of the finest bedding varieties. Blooms rich violet, slightly perfumed. For rock-garden. No seed. Crop failure.
- 310A **Johnny Jump-Ups**. See page 3.
- 298A **Sweet-Scented Violet, The Czar**. No seed. Crop failure.
- 299 **WALLFLOWER**. Favorite sweet-scented flowers of fine colors. Splendid for cutting and useful as spring bedders. Single, Mixed. Pkt. 10c. Double, Finest Mixed. Pkt. 25c.
- Siberian**. See *Cheiranthus*.

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Tells how to grow successfully and enjoy over 145 genera of our most popular and durable of border plants. Lists of different perennials for different purposes and a condensed tabular list of over 500 species. Gives general principles of growing, using, selecting, propagating; discusses insect and disease troubles and remedies. 280 pages, 103 illustrations. Cloth \$2.75, postpaid \$2.90.

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All Flower Seeds sent postpaid.



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Cactus



Pompon



Decorative

SUPERB DAHLIAS

The Dahlias we are offering this year are of exceptional merit and have all proved to be prolific bloomers
Each tuber is carefully and separately labeled

CULTURE. Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with Wizard Brand Manures and Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply ¼ pound of commercial fertilizer to each plant and work in thoroughly.

For Parcel Post orders on Dahlias, add 5c to each; 25c for each dozen

Large-Flowering Varieties

	Each
Avalon. FD. Yellow.....	\$0 35
Blue Gem. Purple.....	35
Cherokee Brave. ID. Oxblood-red.....	1 00
Clariam Belle. ID. Bicolor—primrose-yellow tipped white.....	1 00
Gallant Fox. Red.....	50
Jane Lausche. SC. Large, rosy mauve tipped white. Fine for exhibition.....	2 00
Jersey Beauty. FD. Pink.....	35
Kathleen Norris. ID. Large pink.....	75
Kelvin. FD. Peach-pink. A great exhibition Dahlia.....	2 00
Lois Walcher. FD. Bicolor—purple tipped white.....	75
Margaret Wilson. ID. White.....	35
Mrs. Geo. LeBoutillier. ID. Red.....	35
Mrs. Hester A. Pape. ID. Reddish purple. A fine exhibition sort.....	1 50
Mrs. I. de Ver Warner. FD. Mauve-pink. Very popular.....	35
Nancy K. SC. New. Red. A very free bloomer.....	75
Ogden Reid. ID. Large, dark pink.....	1 50
Oxford Triumph. ID. Large tan.....	1 00
Pam Mary Joyce. ID. Golden yellow.....	75

Continued in next column

C—Cactus; IC—Incurved Cactus; SC—Semi-Cactus; FD—Formal Decorative; ID—Informal Decorative; B—Ball. Miniature: MC—Cactus; MSC—Semi-Cactus; MFD—Formal Decorative; MID—Informal Decorative; MP—Miniature Peony.

Large Flowering Varieties, continued

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Pink Cactus. C. Pink. A free bloomer.....	\$0 35
Pride of Stratford. D. Salmon.....	35
Prince of Persia. ID. Red. Very fine.....	50
Purple Victory. ID. Large purple.....	1 00
Sunshine 3rd. D. Large yellow. Outstanding.....	50
Tarawa. SC. Wine-red with silver reverse.....	1 00
Victory. FD. Rose-pink with golden suffusion.....	75
White Beauty. FD. White. A large exhibition variety.....	1 50

Miniature Dahlias

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Blue Bell. Bluish violet.....	\$0 25
Dusky. MP. Red.....	50
Fairy. MC. Pink.....	25
Lannie. Yellow. Long stems.....	25
Little Roseata. MP. Rose-pink.....	25
Orange Glory. MFD. Orange.....	50
Sylvia. MFD. Deep carmine.....	25
White Fawn. MFD. White.....	50

SPECIALS

The list of 8, one of each for \$2.50
The five 25c varieties for \$1.00
The three 50c varieties for \$1.25

Pompon Dahlias

	Each
Coral Glow. Pink.....	\$0 25
Edith Mueller. Apricot and red.....	25
Joe Fette. White.....	25
Johnny. Maroon.....	50
Little Herman. Red and white.....	25
Morning Mist. White tipped lavender.....	25
Sherry. Violet-purple.....	35
Takas Purple. Purple.....	35
Yellow Gem. Canary-yellow.....	25

SPECIALS

The list of 9, one of each for \$2.50
The six 25c varieties for \$1.25



Jersey Beauty

SPECIALS

The list of 26, one of each for \$15.00.

The five \$1.00 varieties for \$4.50.

The three \$1.50 varieties for \$4.25.

The five 75c varieties for \$3.25.

The eight 35c varieties for \$2.50.

SUPERFINE GLADIOLUS

Novelty Collection

ABU HASSAN. Fine dark violet-purple. Tall, strong, upright spike with as many as eight to ten flowers open at a time.

BURMA. A very deep reddish rose with wide-open, heavily ruffled blooms. Eight or more ruffled florets of heavy substance open at a time on a straight spike. One of the best of all Glads.

JUNE BELLS. Medium large flowers of purest white. Opens well in water. Early bloomer, with six to eight open at a time. A recent introduction from the Netherlands.

LEADING LADY. A cream sport of Picardy. A beautiful cream-white with canary-yellow throat. Spike, flower and habits identical with Picardy.

RED CHARM. Medium shade of red that is very attractive. Well-formed spikes with eight to nine large, well-placed blooms open at a time.

SPOTLIGHT. Clear medium deep yellow with small scarlet blotch in throat. Opens up to seven florets on a long, slender stem. By far the best deep yellow.

NOVELTY COLLECTION: 15c each; 2 of each (12 bulbs), \$1.50; \$10.00 per 100. 50 at 100 rate.

Our Bulbs Are 1½ Inches and Up
If to be sent by Parcel Post, add postage at 12c per doz.; 35c per 100

Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and 6 inches apart.

THRIP REMEDY. 2 tablespoonfuls of Tartar Emetic, 4 tablespoonfuls of sugar and 3 gallons of water. See page 43.



Gladiolus, Abu Hassan

Giant-flowering Mixed

Gladiolus

First Size
Composed of all named varieties in gorgeous blending

75c per doz.; \$5.00 per 100. 50 at 100 rate

Gladiolus Collection No. 1

Blue Beauty. Giant blue; large, wide-open blooms. Strong grower.

Corona. Very light pink, picotee edged.

Elizabeth the Queen. Beautiful clear mauve with darker lines in throat.

Ethel Cave Cole. Florets of pure pale pink.

Jules Amot. Glistening deep dark red, perfectly placed on a long, straight stem; six to eight flowers open at a time.

Margaret Beaton. Ivory-white with small scarlet blotch. Tall, well-formed spike with 6 to 8 well-placed blooms.

New Europe. Vivid garnet-red with a small purple stripe in the throat.

Oregon Gold. Perfectly formed, ruffled light yellow flowers.

Picardy. Clear flesh-pink, quite unmarked, shading to soft shrimp-pink at the petal edges. Flowers are often 6 inches or more across, and as many as ten open in full glory at one time on the tall, straight spikes.

Purple Supreme. Tall plant with many large, well-placed, bright purple flowers. An excellent cut-flower.

Vagabond Prince. Very attractive. Brown-red blotch.

White Gold. Clear light cream shading to a golden throat. Four to six huge, well-placed blooms on a long head. Tall and very vigorous. Can be grown to produce amazing spikes of blooms.

COLLECTION NO. 1: 12c each. One of each (12 varieties), \$1.25; \$9.00 per 100. 50 at 100 rate.

Bulbs kept separately, same price

Gladiolus Collection No. 2

Ave Maria. Glowing lilac-blue, each flower with a small purple blotch.

Beacon. Clear bright rose-scarlet with large cream blotch. Extremely showy. Opens 8 to 10 medium large, somewhat ruffled blooms on a tall, straight, willowy spike.

Bit o'Heaven. Rich orange. Very tall.

Debonair. La France pink, cream throat.

Dream of Beauty. A rosy purplish red (deep wine color) of great beauty.

Gate of Heaven. Deep yellow. Large flowers heavily ruffled.

King Lear. Deep purple. Very fine.

Margaret Fulton. Soft medium dark salmon. Early.

Rosa van Lima. One of the finest bright light rose-pink Gladiolus ever offered; has a harmonizing small spot of deeper orchid-violet. Apple-blossom-pink. Many florets open at one time on tall, straight spike.

Stoplight. Clear medium red. Lightly ruffled blooms, wide open and well placed. Tall spikes.

Tahiti. An interesting color, seldom found among Gladiolus. A bright rose-pink with lighter center, which lights up under artificial light. Several large florets open at a time.

Snow Princess. Pure white and much in demand.

COLLECTION NO. 2: 10c each. One of each (12 varieties), \$1.00; \$7.50 per 100. 50 at 100 rate.

Bulbs kept separately, same price

MISCELLANEOUS BULBS



Fancy-leaved Caladium

Fancy-leaved Caladiums

Will do well outdoors in the open as well as in pots in a half-shaded exposure, with plenty of moisture and rich humus-containing soil. Culture same as Begonias.

Ten Outstanding Varieties. Can be supplied in separate colors or mixed. 30c each; \$3.00 per doz. If to be sent postpaid, add 2c each; 10c per doz.

Caladium - Elephant's-Ear

As centerpieces in flower-beds, Caladiums answer well. Monster bulbs, 30c each; \$3.00 per doz. If to be sent postpaid, add 12c each; 50c per doz.

Begonias, Tuberous-rooted

Enormous, waxlike flowers appear uninterruptedly from June until frost. Start indoors in March, and transfer when frosts are over.

We are offering single and double varieties in Crimson, Pink, Yellow, Scarlet, White, Salmon, and Mixed. 1½ to 2-in. bulbs, 20c each; \$2.25 per doz. If to be sent postpaid, add 2c each; 25c per doz.

Superfine Canna Bulbs

CULTURE. Canna tubers should not be put into the ground until the soil has become warm. Start indoors middle of March. They commence blooming in June and continue until frost.

GREEN FOLIAGE VARIETIES

Indiana. Orange flowers, green foliage. 4 ft.

Louisiana. Red flowers, green foliage. 4 ft.

Allemania. Bright scarlet with yellow border, green foliage. 4 ft.

The President. This splendid variety produces immense flowers of a rich, glowing scarlet. Green foliage. 3½ ft.

Yellow King Humbert. A sport from King Humbert and a majestic variety with massive foliage. Flowers golden yellow, dotted red. Green foliage. 4½ ft.

Cannas continued on page 38



Superfine Cannas

CANNAS, continued

BRONZE FOLIAGE VARIETIES

King Humbert. Coppery scarlet flower and broad, deep bronze foliage. 4 ft.

Shenandoah. Salmon-pink.

Wyoming. Orange.

All Cannas, 15c each; \$1.50 per doz.; \$11.00 per 100

For postage, add 10c per doz.; 25c per 100
CANNA PLANTS in season, market price.

Gloxinia

These showy plants are easily grown in pots and can be transferred to a shady location in the garden after all danger of frost is past. Illustrated on third cover.

Emperor Frederick. Scarlet with white margin.

Emperor William. Deep violet, margined white.

Etoile de Feu. Brilliant red; compact growth.

Mont Blanc. Clear glistening white.
40c each; \$4.50 per doz. Order early;
February delivery

Hyacinthus candicans

Cape Hyacinth

A strong-growing, summer-flowering variety of Hyacinth quite distinct from those which bloom in the spring. Makes a strong stately flower-spike, 3 to 5 feet high, which bears from 20 to 30 pure white, bell-shaped blooms during the summer and early fall. It is hardy here. 10c each; \$1.00 per doz. For postage, add 5c each; 20c per doz.



Peruvian Daffodil

Madeira Vine

Heart-shaped leaves and feathery flowers with delicious fragrance. Here is what you want if a quick growth is desired. Hardy in this latitude if protected with litter. Roots, 2 for 25c; \$1.25 per doz. If to be sent postpaid, add 2c each; 10c per doz.

Montbretias

These are one of the brightest and most attractive of summer-flowering bulbs and should be planted extensively. Set out in the early spring, in clumps of a dozen or more, placing the bulbs 3 to 6 inches apart. They should be protected during the winter with a heavy covering of leaves or litter.

Fire King. Fiery red.

Queen Alexandra. Orange-red.

10c each; \$1.00 per doz.; \$7.50 per 100.
50 at 100 rate

If to be sent postpaid, add 5c per doz.;
20c per 100



Montbretias

Oxalis

Lasiandra. Largest, and perhaps most showy of the summer garden Oxalis. Clusters of rosy crimson blooms are carried on many 18-inch stems above distinctive, wheel-like foliage. In bloom for months. 5c each; 50c per doz.; \$4.00 per 100. If to be sent postpaid, add 5c per doz.; 15c per 100.

Peruvian Daffodil

Ismene calathina

A grand summer-flowering bulb with large, amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place and plant out in June. Take up in October, rest a few weeks, and then pot for winter flowering in the house. 30c each; \$3.25 per doz. If to be sent postpaid, add 5c each; 20c per doz.

Tigridia • Shellflower

Mexican bulbs producing showy, large, oddly shaped blooms of exotic beauty. Well suited to planting in the mixed border. Handle the same as gladiolus. Blooms all summer long. 1½ ft. 10c each; 3 for 25c; 90c per doz. If to be sent postpaid, add 3c each; 12c per doz.



Double Pearl Tuberose

Tuberoses

CULTURE. One of the most fragrant and popular of the summer-flowering bulbs. May be started early in hotbeds or pots or planted in open ground after May 1.

Albino (Mexican). Single. 2 for 25c; \$1.25 per doz.; 25 for \$2.35; \$9.00 per 100.

Double Pearl. Most popular. Giant bulbs, 15c each; \$1.50 per doz.; \$12.00 per 100. Supply limited.

If to be sent postpaid, add 10c per doz.;
25c per 100

Zephyranthes

Zephyr Flower; Fairy Lilies

Showy goblet-shaped blooms during the summer months. Easy to grow in the border or in pots.

Ajax. In this strain the blooms vary from white to cream, often with a faint blush suffusion. 10c each; \$1.00 per doz. If to be sent postpaid, add 5c each; 15c per doz.

MAY—Plant Outdoors

Begonias	Caladiums	Montbretias
Cannas	Dahlias	Gladiolus
Tuberoses	All potted plants	

SEPTEMBER, OCTOBER AND NOVEMBER

Hyacinths	Tulips	Narcissus	Lilies
Jonquils	Crocus	Peonies	
In fact, all spring-flowering bulbs			

List in season, on request



Tigridia (Shellflower)

FOR A BRIGHTER GARDEN: PLANT ROSES!

No Orders Accepted After April 1. ORDER EARLY. All Prices Postpaid. Subject to Sales Tax

Monthly Roses

Cream of the Newer Hybrid Teas

Charlotte Armstrong. Pat. 455. Blood-red; large and fragrant. \$1.50 each; 3 for \$4.00.
Crimson Glory. Pat. 105. Deep velvety crimson. The finest red Rose. \$1.50 each; 3 for \$4.00.
Debonair. Pat. 677. Yellow, perfect buds. Vigorous plant; healthy foliage. \$1.50 each; 3 for \$4.00.
Good News. Pat. 426. Coppery pink; unusually good stems. \$1.50 each; 3 for \$4.00.
Grande Duchesse Charlotte. Pat. 774. Lovely burnt carmine; well-formed buds and blooms. \$1.50 each; 3 for \$4.00.
Heart's Desire. Pat. 501. Scarlet; unusually fragrant. \$1.50 each; 3 for \$4.00.
Mirandy. Pat. 632. Large, very double, rich maroon-red blooms freely borne. Long-lasting in bouquets. Best in cool weather. \$1.50 each; 3 for \$4.00.
Peace. Pat. 591. This Rose has attracted nationwide attention both for its beauty and for the fact that it was offered to the delegates at the San Francisco Conference as a symbol of the peace the world is hoping for. In color it is golden yellow with each petal edged pink. As it ages, the golden color becomes ivory and the pink suffuses the whole bloom. Large, well-formed flowers and a very vigorous plant. Fine for cutting. \$2.00 each; 3 for \$5.00.
Show Girl. Pat. 646. Rich pink; semi-double, cupped form. \$1.50 each; 3 for \$4.00.

OFFER A. Four Outstanding Newer Roses

Crimson Glory. Pat. 105. Finest red.....\$1 50
Eclipse. Pat. 172. Golden yellow.....1 50
Good News. Pat. 426. Pink.....1 50
Rubaiyat. Pat. 758. Ruby-red.....1 50
\$5.25 (\$6.00 value)

OFFER B. Top-Value Collection of Three Beauties

Charlotte Armstrong. Pat. 455. Outstanding rose-red.....\$1 50
Nocturne. Pat. 713. Cardinal-red.....1 50
Peace. Pat. 591. Described on this page.....2 00
\$4.35 (\$5.00 value)

Hybrid Teas (Monthly Bloomers)

Christopher Stone. Scarlet-crimson. A treasure for any garden.
Editor McFarland. Deep pink.
Etoile de Hollande. Crimson.
Girona. Multi-colored. Rose and golden yellow Very fragrant.
Golden Sastago. Buttercup-yellow.
K. A. Viktoria. White.
Mrs. P. S. du Pont. Golden yellow.
Poinsettia. Poinsettia-scarlet.
Pres. Herbert Hoover. Multi-color. Scarlet and yellow and cerise.
Radiance. Two-toned, rose-pink.
Red Radiance. Raspberry-red.
Soeur Therese. Buttercup-yellow.
Talisman. Multi-color, orange, yellow and red.
The Doctor. Satiny pink.

All the above, \$1.25 each; 3 of a kind for \$3.35

OFFER C. Wonderful Offer of Floribundas

Fashion. Pat. 789. Coral-peach.....\$2 00
Goldilocks. Pat. 672. The best yellow.....1 50
Pinocchio. Pat. 484. Rich salmon.....1 25
Red Pinocchio. Pat. 812. Deep red.....1 50
\$5.35 (\$6.25 value)

OFFER D. Four Good Old Favorites

Condesa de Sastago. Yellow and raspberry-red.....\$1 25
Etoile de Hollande. Crimson; true Rose perfume.....1 25
Radiance. Rose-pink. An old favorite.....1 25
Soeur Therese. Buttercup-yellow.....1 25
\$4.35 (\$5.00 value)

OFFER E. Eight Fine Hybrid Teas

Betty Uprichard. Carmine and salmon.....\$1 25
Condesa de Sastago. Yellow and raspberry-red.....1 25
Editor McFarland. Deep pink.....1 25
Girona. Turkey-red and golden yellow.....1 25
Kaiserin Auguste Viktoria. Best white.....1 25
Poinsettia. Non-bluish scarlet.....1 25
Soeur Therese. Buttercup-yellow.....1 25
The Doctor. Satiny pink.....1 25
\$8.35 (\$10.00 value)

"HOW TO GROW ROSES"

1948 Revised Edition

By Robert Pyle and J. Horace McFarland, L.H.D.

192 pages; cloth bound, 32 pages in natural color. An up-to-the-minute reference book on Rose-growing for those who wish to have something to turn to at once for sound, practical advice when Rose problems arise. \$2.50, postpaid \$2.65.

Climbing and Pillar Roses

Blaze. Pat. 10. The everblooming Paul's Scarlet, with masses of scarlet blooms. \$1.50 each; 3 for \$4.00.

Climbing American Beauty. Deep rose-pink, large double flowers. \$1.25 each; 3 for \$3.35.

Climbing Talisman. Multicolored. \$1.50 each 3 for \$4.00.

Doubloons. Pat. 152. Saffron-yellow; large flowers. \$1.50 each; 3 for \$4.00.

Dr. W. Van Fleet. Flesh-pink; early bloomer. \$1.25 each; 3 for \$3.35.

King Midas. Pat. 586. Large double flowers, golden yellow flushed red. A beautiful new climber. \$1.50 each; 3 for \$4.00.

Mary Wallace. Rose-pink. \$1.25 each; 3 for \$3.35.

Paul's Scarlet. The popular scarlet climber. \$1.25 each; 3 for \$3.35.

Silver Moon. White. \$1.25 each; 3 for \$3.35.

Rosetone. Insures the success of your Roses. Soak roots of bushes before planting. Water your established Rose bushes for better growth. 1/2 oz. 25c; 3 ozs. \$1.00.

Hardy Chrysanthemums FOR GLORIOUS COLORFUL FALL FLOWERS

8 Chrysanthemums, \$3.35

50c each

Unusual value. Large-flowering, hardy outdoor types.

Avalanche. Extra large, densely double, outstanding white. Early September.

Betty. Midseason. Long-stemmed plants with enchanting double blooms of apple-blossom-pink.

Burgundy. Rich wine-red, very double flower; fine depth and color.

King Midas. Bronzy gold. Large, double blooms are produced in quantity on sturdy, 2 1/2-foot plants. A long season of bloom from September on.

Lavender Lady. A faultless plant with large, double, lavender flowers. Delightfully beautiful and most popular, as it deserves to be. 2 1/2 feet. Late September.

Mrs. Pierre S. du Pont III. A lovely blend of peach-pink, rosy salmon and fawn. A glorious cut-flower. Height 2 1/2 feet. Early October.

The Chief. Brilliant, clear scarlet and gold in a richly beautiful combination. Semi-double flowers, with each red petal tipped with gold. 2 1/2 feet. October.

Theresa. Rosy copper-orange. Double, large blooms in midseason.

OFFER 48. The 8 for \$3.35

A Garden of Chrysanthemums

25 All different, All named, for \$8.25

For a brilliant, colorful fall show in your garden and abundant blooms indoors. We send assorted kinds and colors. No two alike.

OFFER A. 25 for \$8.25

5 Single-Flowered Kinds

Like colorful long-stemmed daisies, they are excellent both in the garden and for cut-flowers.

Elsie. Midseason. Large (3 1/2-inch), single blooms of buttercup-yellow that look like glorified daisies.

Eric the Red. Scarlet, profuse bloomer.

Galahad. Large; pure yellow.

Kristina. Deep rose-pink.

Siegfried. Sulphur-yellow.

OFFER 42. The 5 for \$2.00; 50c each

Spoon Chrysanthemums

This unique new type has proved exceedingly popular. All are charming and very free in bloom. The long petals are quilled almost to the tips, which open like little spoons.

Rose Spoon. Deep rose-pink.

White Spoon. Lovely large white.

Yellow Spoon. Bright yellow.

OFFER 43. The 3 for \$1.25; 50c each

Cushion Chrysanthemums

Champion. Rich bronzy red flowers.

September Bronze.

September Cloud. White.

September Gold. Golden pompons.

OFFER 45. The 4 for \$1.75; 50c each

Pompons for Cutting

Ermalinda. Light violet. Sturdy; upright.

Goblin. Golden bronze.

Harbor Lights. Delightfully bright yellow.

Nuggets. Yellow.

Ruby. Quantities of rich ruby-crimson pompon blooms on well-branched, 2 1/2-foot plants in early October.

OFFER 46. The 5 for \$2.00; 50c each

12 Chrysanthemums, \$4.75

Avalanche
Burgundy
Elsie
Glowing Spoon
Harbor Lights
King Midas
Magnolia
Mrs. H. E. Kidder
Pink Radiance
September Gold
Symphony
Yellow Spoon

OFFER 44. The 12 for \$4.75

6 Newer Kinds

Bokhara. Soft crimson and wine shades, fully double. Early October.

Charles Nye. Multitudes of dome-shaped, shining golden yellow flowers on sturdy, upright stems. 1 1/2 to 2 feet. Late September to frost.

Joan Helen. Large, single blooms of rich deep lavender-purple with bright yellow center. Early October.

Meditation. Beautiful garden variety. Bronze.

White Wonder. Exquisitely formed, ball-shaped blooms of soft creamy white, opening to a crisp clean white. Heavily branched sprays. Very sturdy plant. 3 feet. Late September.

Yellow Avalanche. Large, fluffy, double flowers of brilliant soft yellow. A sport of the popular Avalanche. 2 feet. Early September.

OFFER 40. The 6 for \$2.95; 60c each

Large-Flowered Kinds

Four greenhouse types—large-flowering Chrysanthemums, suitable for outdoor planting for late October blooms from Maryland southward.

Hilda Bergen. Dark bronze.

Mrs. H. E. Kidder. Yellow.

October Rose. Lavender.

Silver Sheen. White.

OFFER 41. The 4 for \$1.75; 50c each



Pachysandra

ATTENTION: While every precaution is taken to deliver good stock, no guarantee can be made because we have no control over the method of planting or the care given the plants after they are planted.

All prices, except where noted, F.O.B. Baltimore

ORNAMENTAL PLANTS, SUBJECT TO
MARYLAND SALES TAX

Hardy Evergreen Flowering Shrubs

Abelia grandiflora. Glossy Abelia. Glistening foliage on a low-growing shrub; small pink-tinged flowers. 2 to 3 ft., B&B, \$3.75 each.

Azalea Hinodegiri. Dense clusters of bright fiery red flowers. 8 to 10 in., B&B, \$2.75 each; 10 to 12 in., B&B, \$3.00.

Berberis Chenaulti. Chenault's Barberry. Glossy green foliage, glaucous underneath. Compact in growth. 18 to 24 in., B&B, \$3.75 each.

B. Julianae. Wintergreen Barberry. Dense, dark green, very thorny. Hardy and strong growing. Bluish black fruit. 15 to 18 in., B&B, \$3.75 each.

Pachysandra. An evergreen trailing plant with glossy foliage, forming a dense mat. One of the finest ground-covers. Strong plants, from 2¼-in. pots. 10 for \$3.00.

Periwinkle. Trailing Myrtle. An excellent dwarf evergreen trailing plant. Used for covering the ground under shrubs or on graves. Will grow in dense shade. Strong plants from 3-in. pots. 10 for \$3.25.

Pyracantha coccinea Lalandi. Firethorn. White flowers in late spring, followed by brilliant orange-scarlet berries, lasting into the winter. 18 to 24 in., B&B, \$4.00 each.

Rhododendron catawbiense. Rose-purple blooms. 18 to 24 in., B&B, \$6.50 each.

R., Rosebay. White to rose tinted. 18 to 24 in., \$5.75 each.

Hardy Deciduous Flowering Shrubs

Prices quoted are for bare roots

Almond, Double-flowering, Pink. 2 to 3 ft., \$1.25 each.

Althea. Rose-of-Sharon. Double; white, red and purple. 3 to 4 ft., \$1.25 each.

Bridal Wreath (Spiraea). 2 to 3 ft., \$1.00 each.

Butterfly-Bush (Buddleia). Purple and white, lavender-pink, or rosy purple. 2 to 3 ft., \$1.00 each.

Coralberry (Symphoricarpos vulgaris). Slender, arching shrub bearing bunches of bright coral-pink berries which hang on almost all winter. 2 to 3 ft., 1.00 each.

Flowering Quince (Cydonia japonica). Bright red flowers in early spring. Greenish yellow fruit. 2 to 3 ft., \$1.25 each.

Deutzia scabra. Pink. 3 to 4 ft., \$1.25 each.

White. 2 to 3 ft., \$1.25 each.

Golden Bell (Forsythia), Fortune's. 2 to 3 ft., \$1.00 each.

Honeysuckle, Morrow (Lonicera Morrowi). Tiny, deliciously scented waxen flowers in early spring before leaves unfold. Profusion of bright red berries in early autumn. 2 to 3 ft., \$1.00 each. (Many others can be furnished; state kind wanted.)

Hydrangea, Peegee. 2 to 3 ft. \$1.25 each.

H., Blue or Pink. Hardy plants. \$2.75 each.

Lilac, Common Purple. 2 to 3 ft., \$1.25 each.

L., Common White. 18 to 24 in., \$1.50 each.

L., French, Single. White, Violet, Purple. 2 to 3 ft., \$1.75 each.

L., French, Double. Red, Purple, Violet. 2 to 3 ft., \$1.75 each.



Almond, Double-Flowering, Pink

Mock-Orange (Philadelphus). 3 to 4 ft., \$1.25 each.

Snowball, Common (Viburnum opulus sterile). 3 to 4 ft., \$1.25 each.

Snowberry (Symphoricarpos racemosus). Tiny pink flowers in June followed in the autumn with a profusion of snow-white berries. 3 to 4 ft., \$1.25 each.

Spiraea, Anthony Waterer. 18 to 24 in., \$1.25 each.

Sweet-Scented Shrub (Calycanthus). 3 to 4 ft., \$1.50.

Weigela. One of the most conspicuous shrubs cultivated. **Crimson or Pink.** 2 to 3 ft., \$1.25 each. **Ruby Red.** 2 to 3 ft., \$1.50 each.

Flowering Trees

Dogwood, White. 4 to 5 ft., B&B, \$6.00 each.

D., Red. 3 to 4 ft., B&B, \$6.00 each.

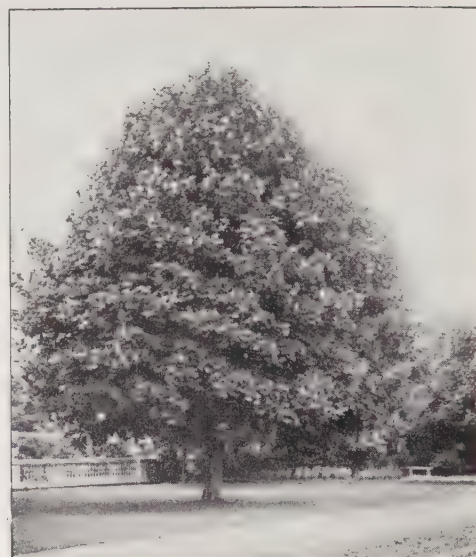
Redbud, American or Judas Tree. 4 to 5 ft., bare roots, \$3.50 each.

R., Chinese. 3 to 4 ft., bare roots, \$5.00 ea.

The Book of Shrubs

By Alfred C. Hottes

448 pages; 190 illustrations. \$4.00, postpaid \$4.15.



Maple, Norway

Shade Trees

Bare roots unless otherwise specified

Elm, American. 6 to 8 ft., \$4.00 each.

Maple, Norway. 8 to 10 ft., 1¼ to 1½-in. caliper, \$5.50 each.

M., Red. 6 to 8 ft., \$5.50 each.

M., Silver. 6 to 8 ft., 1 to 1½-in. caliper, \$4.00 each.

M., Sugar. 8 to 10 ft., 1 to 1¼-in. caliper, \$6.00 each.

Ash, Mountain. Attractive scarlet berries. 6 to 8 ft., \$5.00 each.

Plane, Oriental. 8 to 10 ft., 1¼ to 1½-in. caliper, \$5.00 each.

Willow, Weeping, Wisconsin. 6 to 8 ft., \$5.00 each.

Many other kinds; prices on application

Hedges

Red Barberry. 12 to 15 in., 75c each; 6.00 for 10. 15 to 18 in., 90c each; \$7.00 for 10. 18 to 24 in., \$1.00 each; \$9.00 for 10.

Green Barberry. 12 to 15 in., 50c each; \$4.00 for 10. 15 to 18 in., 60c each; \$5.00 for 10.

California Privet. 1 to 1½ ft., 2-yr., \$2.00 for 10. 1½ to 2 ft., 2-yr., \$2.50 for 10. 2 to 3 ft., 3-yr., \$3.00 for 10.

The Book of Trees

By Alfred C. Hottes

All about trees. 488 pages. \$4 00, postpaid \$4.15.



Barberry

Good Perennials Are a Permanent Investment

Vines

Boston Ivy. Clings to smoothest surfaces. Strong plants, 2-yr. No. 1, 7-in. pots, \$1.75 each.

English Ivy (*Hede a Helix*). Hardy. 2 1/4-in. pots, 35c each; \$3.00 for 10.

Clematis, Large-flowering. Red, Purple, and White. \$1.75 each, postpaid \$1.85.

C. paniculata. Creamy white, very fragrant. 3-yr., \$1.25 each, postpaid \$1.35.

Wisteria sinensis. Vigorous, strong-growing vine. Purple flowers. 2-yr., \$2.25 each.

W. multijuga. Grafted stock, sure to bloom. White and pink. \$2.50 each.

How to Landscape Your Grounds

By Loyal R. Johnson

232 pages; 147 illustrations. \$3.50, postpaid \$3.65.

Strawberries

*Means most popular.

EARLY VARIETIES:

***Dorsett.** The best in cultivation. Perfect blossoms, very productive and showy, of finest flavor and firmness.

Temple Premier Blakemore

MIDSEASON VARIETIES:

Catskill Sparkle *Big Joe

LATE VARIETIES:

***Fairpeake *Ambrosia
Chesapeake *Gandy**

Any of the above, 25 for \$1.25, postpaid \$1.37; 50 for \$2.00, postpaid \$2.35; \$3.00 per 100, postpaid \$3.40

EVERBEARING VARIETIES:

Mastodon Gem

25 for \$2.00, postpaid \$2.12; 50 for \$3.25, postpaid \$3.50; \$5.00 per 100, postpaid \$5.40
Quantity prices on application

Grapes

Catawba. Red. **Caco.** The best red.
Concord. Blue. **Fredonia.** Black;
Niagara. White. early.
Moore's Diamond. White.

Strong, 2-yr., 60c each, postpaid 75c;
\$5.00 for 10, postpaid \$5.40

GRAPE-PROTECTING BAGS. See page 46.

Fruit Trees and Small Fruits

All prices, except where noted, F.O.B. Baltimore

APPLES

Delicious. Red. Midseason.

Delicious Yellow. Early.

Red Rome Beauty. Late.

Red Jonathan. Late fall.

Williams Early Red. Early.

Double Red Stayman.

Stayman. Red. Late.

Winesap. Red; sweet. Late.

Yellow Transparent. Early.

York Imperial. Large; red to yellow. Late.

Crab, Hyslop. Crimson.

Any of the above, extra strong, 5 to 6-ft. trees,

\$1.75 each; \$15.00 for 10

Quintuplet Apple. Bears five leading varieties on one tree, ripening in succession. Requires only a 25-foot space when fully grown. 1 1/4 to 1-in. cal. \$4.25 each.

APRICOTS

Early Golden

Moorpark

5 to 6-ft. trees, \$2.25 each

PEACHES

Belle of Georgia. White. August.

Carman. White. Early.

Elberta. Yellow. September 1.

Golden Jubilee. Yellow. Early.

Hale. Yellow. Late August.

Rochester. Yellow. July 15.

White Heath. White cling. September 15.

Any of the above, strong 5 to 6-ft. trees,

\$1.75 each; \$15.00 for 10

PLUMS

Abundance. Red; yellow flesh.

Burbank. Large, juicy, violet-red.

Fellenberg (Italian Prune).

Shropshire Damson. Purple.

Stanley Prune. Blue.

5 to 6-ft. trees, \$2.25 each; \$20.00 for 10

PEARS

Bartlett. Yellow. August.

Clapp's Favorite. Yellow spotted red. Early August.

Kieffer. Yellow, red cheek. October.

Seckel. For pickling. September.

Any of the above, 5 to 6 ft., \$2.25 each;
\$20.00 for 10

Dwarf fruit trees (most kinds), 3-year-old, \$6.00 each.

SWEET CHERRIES

Black Tartarian Napoleon. Yellow

Schmidt's Bigarreau. Mahogany.

Any of the above, 4 to 5 ft., \$2.25 each

CANNING AND PIE CHERRIES

Early Richmond. Light red.

English Morello. Dark red.

Montmorency. Red.

Any of the above, 11/16 in. cal. and up, \$3.00 each.

Blueberries

**Cabot
Concord**

**Jersey
Rancocas**

Rubel

6 to 12 in., \$1.25 each, postpaid \$1.50

12 to 18 in., \$1.75 each, postpaid \$2.00

18 to 24 in., \$2.25 each, postpaid \$2.50

Blackberries

Alfred

Blowers

Eldorado

10 for \$2.25, postpaid \$2.65; \$12.50 per 100

Dewberries

Lucretia. Extra large, black. \$1.50 for 10, postpaid \$1.75; \$9.00 per 100.

Raspberries

Cumberland. Black. Midseason.

Latham. Red. Midseason to late.

Newburgh. Red. Midseason.

\$2.25 for 10, postpaid \$2.65; \$12.50 per 100

Everbearing Raspberries

Indian Summer. Best everbearing red.

St. Regis. Everbearing red.

\$2.50 for 10, postpaid \$2.65; \$13.50 per 100.

Thornless Boysenberry

No. 1 strong rooted plants. Immense berries of very sweet, delicious flavor, somewhat suggestive of the raspberry. Small seeds. Plant 8 x 8 feet apart because of their great thriftiness. \$2.25 for 10, postpaid \$2.65. \$15.00 per 100.

CEL-O-GLASS

Now Guaranteed for 5 Years

It is the only ultra-violet ray window material on a wire mesh base with published scientific proof that it increases egg production and reduces chick losses.

Low egg production, soft-shelled eggs, disease and leg weakness can often be traced to a deficiency of ultra-violet or its equivalent. "Cel-O-Glass" brings these vitalizing ultra-violet rays of the sun inside your poultry houses all winter long, when you need them most. These rays, which are barred out by ordinary glass and soiled cloth curtains, enable your hens to make proper use of calcium and phosphorus, the bone-building and shell-making minerals. Furthermore, "Cel-O-Glass" keeps houses warmer and drier, and free from draughts. Experiment stations, egg-laying contests, commercial poultrymen and flock owners have found that "Cel-O-Glass" increases egg production and reduces chick mortality. It can do the same for you.

Also used for hotbeds, coldframes, storm doors, storm windows, back porches, hog houses, dairy barns, milk houses, dog kennels, rabbit hutches, and many other purposes.

Cut any size from 1 running foot up. Per running foot: 28 in. wide, 32c; 36 in. wide, 40c; 50-ft. rolls, 28 in., \$14.00; 50-ft. rolls, 36 in., \$18.00. 25-ft. rolls, 28 in., \$7.00; 25-ft. rolls, 36 in., \$9.00.

INSECT, FUNGOUS AND WEED DESTROYERS

Postpaid prices are in 1st and 2nd Zones only. Consult Parcel Post Rates on page 1.

ALL PRICES ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE

ANT BAIT (Magikil). Garden size 1 oz. 40c, postpaid 45c. Estate size 3 ozs. \$1.00, ppd. \$1.05. 7½-oz. size \$1.95, ppd. \$2.05.

ANT BAIT (Tat). Ant-trap. 25c, postpaid 28c. Garden size tube 35c, postpaid 40c.

ANT GAS. A liquid—kills ants quickly; also effective against ground moles. ½pt. 50c, postpaid 60c; pt. 90c, postpaid \$1.00; qt. \$1.75, postpaid \$1.90.

ARNOLD CARTRIDGES

Arsen-O-Spray. For control of most chewing insects.

Funguspray. For control of leaf-spot, blight, black-spot, and fruit-rot.

Sulph-O-Spray. For control of mildew.

Nic-O-Spray.

P. R. (Pyrethrum-Rotenone). The two above for control of aphids, thrips, etc.

DDT. Most effective on chewing insects.

Weed-O-Spray. Kills poison ivy, etc., and lawn weeds.

Vitamin B-1 Cartridge.

Cleaswell Auto Wash.

All Cartridges, 35c each, \$2.00 per ½ doz. For postage, add 5c to each; ½doz. lots, 12c.

Arnold Sprayer. See page 50.

BEETLE BAIT (Dry and Liquid). Extensively used to trap Japanese beetles.

Ellisco. Oz. (dry) 15c, postpaid 17c; 4 ozs. 40c, postpaid 45c; lb. \$1.20, postpaid \$1.32. Oz. (liquid) 50c, postpaid 55c. Write for prices on larger quantities.

G. and O. Oz. (dry) 10c, postpaid 12c; 2½ ozs. 25c, postpaid 30c. Oz. (liquid) 15c, postpaid 25c.

For Traps see page 51.

BENZO-FUME PRESSURE FUMIGATOR. For control of greenhouse red spider. ½lb. 40c; 1 doz. cans \$3.20; 1-lb. can 60c; 1 doz. cans \$5.50.

BLACK-LEAF 40. 1-oz. bottle 36c, postpaid 40c; 5 ozs. \$1.05, postpaid \$1.17; lb. \$2.42, postpaid \$2.57; 2 lbs. \$4.15, postpaid \$4.32; 5 lbs. \$7.40, postpaid \$7.65; 10 lbs. \$12.65, postpaid \$13.00.

BLUE STONE (Powdered). Lb. 20c; 5 lbs. 90c; 10 lbs. \$1.60; 50 lbs. \$6.50; 100 lbs. \$12.00. Postage extra.

CARBON BISULPHIDE. For weevil and other grain insects. 1-qt. can \$1.00; 5-lb. can \$1.75. Not mailable.

CORN EAR WORM DROPS. An Ogen product. 2 ounces treats 100 ears of corn for worms. 35c, postpaid 40c.

COPPER LIME DUST (20-20-60 Mixture). 5 lbs. 75c; 100 lbs. \$10.00. Postage extra.

Cuprinol Wood Preservative. See page 59.

CYANOGEN "A." A dust for outside use in killing rats, moles, woodchucks, gophers, ground squirrels, and certain insects. ¼lb. 39c; lb. 98c; 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

Foot Pump Duster. \$11.00.

CYANOGEN "G" FUMIGANT. 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

D-X (Rotenone-Pyrethrum-D.D.T.). Controls sucking and chewing insects. 1½ ozs. 50c, postpaid 55c; 8 ozs. \$1.50, postpaid \$1.62; qt. \$4.75, postpaid \$4.90; gal. \$12.00, postpaid \$12.35; 5 gals. \$50.00.

D. D. T. 25% PRATT'S. Controls most insects, including Japanese Beetle, also flies in barns, dairies, etc. Gal. \$4.50; qt. \$1.50; ½pt. 75c; 1½ oz. 35c. Postage extra.

END-O-PEST. For control of chewing and sucking insects and fungous diseases. Gun and powder combined, 98c, postpaid \$1.08. Refill cartridge, 75c, postpaid 90c. 2-lb. pkg. to be used with regular duster, \$1.98, postpaid \$2.15. 4-oz. pkg., 35c, ppd. 40c.

EVERGREEN GARDEN SPRAY. A concentrated pyrethrum spray, very effective. Oz. 35c, postpaid 45c; 6 ozs. \$1.15, postpaid \$1.25; pt. \$2.45, ppd. \$2.60; qt. \$4.10, ppd. \$4.25; gal. \$12.60, ppd. \$12.85.

FERMATE. Controls black-spot and other fungous diseases. 8 ozs. 75c; 3 lbs. \$2.25.

FORMALDEHYDE. For potato scab and mold. Qt. \$1.00; gal. \$3.25. Not mailable.

FUMETOBAC (For greenhouse). 25 lbs. \$4.50; 50 lbs. \$8.00; 100 lbs. \$15.00. Postage extra.

FUNGTOGEN. Conquers mildew and black-spot. ½pt. 75c, postpaid 85c; pt. \$1.25, postpaid \$1.40; qt. \$2.00, postpaid \$2.17; gal. \$6.00, postpaid \$6.35.

GARDEN DOWFUME. Soil fumigant for the control of wireworms and other insects. Gal. \$1.50, postpaid \$1.85.

IRON SULPHATE. For spraying rhododendrons, azaleas, laurel, etc., for fading foliage. Use 1 ounce to 3 gallons of water. Sprinkle on plants three times during season. Lb. 25c, postpaid 40c.

JAPIDEMIC (Milky Disease Spore Dust). Kills the grub of the Japanese beetle in the soil. Remains virulent and effective in the soil for many years. Use at any time. ½lb. \$2.75; 1-lb. (sufficient for 4000 sq. ft.) \$4.50.

LEMON-OIL INSECTICIDE. ½pt. 55c, postpaid 62c; pt. 95c, postpaid \$1.10; qt. \$1.65, postpaid \$1.75; gal. \$4.50, postpaid \$4.75.

LIME-SULPHUR (Liquid). Qt. 45c; gal. \$1.00; 5 gals. \$3.50; 30 gals. \$8.50; 50 gals. \$10.50. Not mailable.

LORO. Kills red spider, mealy bug, thrips, midge, white fly and aphids. Pt. \$2.00, ppd. \$2.10; gal. \$11.50, ppd. \$11.85.

MAGNESIUM ARSENATE. Extensively used to control the Mexican bean beetle. 2 lbs. 60c, postpaid 75c.

NAPHTHALENE FLAKES. Lb. 30c, postpaid 42c.

NICO-FUME (Liquid). Lb. \$2.60; 2 lbs. \$3.45; 8 lbs. \$11.95. Postage extra.

NICO-FUME PRESSURE FUMIGATORS. ½lb. 50c; lb. 85c; 12 ½-lb. cans \$4.60; 12 1-lb. cans \$7.95. Postage extra.

Commercial Growers Sizes

Complete insect and disease control with Niagara Products.

COCS COPODUST. Neutral copper dust for potato and tomato blight control. 50 lbs.

COCS SPRAY. Neutral copper dust in wettable form. 48 lbs.

COCS COPOTEX. Neutral copper fungicide combined with calcium arsenate. 75 lbs.

COCS NIATOX. 3% DDT. Neutral copper fungicide combined with 3% DDT. A complete insecticide and fungicide for potatoes and tomatoes. 50 lbs.

COCS CUCURBIT DUST. Copper combined with calcium arsenate for squash, melons and all cucurbits. 50 lbs.

ROTENONE, KOLO. .75%. Specially formulated sulphur fungicide and rotenone insecticide. 50 lbs.

ROTENONE DUST. .75%. 50 lbs.

NICOTINE. 3% nicotine for control of sucking insects. 100-lb. drum.

SULPHUR, CONDITIONED DUST-ING. 325-mesh. 50-lb. bag.

FRUITEX. Sulphur fungicide combined with lead-arsenate insecticide. 50 lbs.

Prices on request



Niagara Farm and Garden Insecticides

Code

907 C. ARSENATE OF LEAD. For chewing insects. Lb. 60c; 4 lbs. \$1.80.

901 E. BORDEAUX MIXTURE. Ready mixed to control fungous diseases. Lb. 40c; 4 lbs. \$1.00.

900 C. CALCIUM ARSENATE. Dust or spray for insect control. 4 lbs. 70c.

909 A. COPPER MILDOW SPRAY. Copper fungicide, more concentrated than Bordeaux Mixture. Lb. 60c; 3 lbs. \$1.40.

912 A. COPPER ROTENONE DUST. Multi-purpose insecticide and fungicide. Lb. 55c; 4 lbs. \$1.45.

924 A. COPODUST. Dust for blight on vegetables and ornamentals. 5 lbs. \$1.00.

928 A. COPOTEX. Copper combined with calcium arsenate for insecticides and fungicidal control. 5 lbs. \$1.25.

920 A. CUCUMBER AND MELON DUST. Especially formulated insecticide and fungicide for squash, melon, cucumber, etc. 4 lbs. \$1.00.

916 A. FRUIT, VEGETABLE AND FLOWER DUST. 3% DDT. Controls Japanese beetles, leafhoppers, flea beetles, etc. Lb. 40c; 4 lbs. 85c.

919 B. FRUIT AND VEGETABLE SPRAY. 50% DDT. Dry wettable powder. Lb. 60c; 3 lbs. \$1.40.

917 A. KOLO FRUIT TREE DUST or SPRAY. Superior all-purpose fruit dust or spray for insecticidal and fungicidal use. Lb. 55c; 3 lbs. \$1.35.

914 B. WETTABLE AND DUSTING SULPHUR. For ornamentals, fruit trees, etc. 2 lbs. 45c; 4 lbs. 65c.

927 A. POTOTOX. Potato dust or spray. Contains 5% DDT, calcium arsenate and copper. Lb. 60c; 4 lbs. \$1.65.

925 B. ROTENONE DUST OR SPRAY .75%. Dual-method insecticide. Lb. 45c; 4 lbs. \$1.00.

902 E. DRY LIME-SULPHUR. (Powder Form.) Lb. 45c; 5 lbs. \$1.95.

932 B. D.D.T. 50 SPRAY. Lb. 50c; 4 lbs. \$1.85.

A 1 POMO-DUST (Also called Massey Dust). For mildew and black-spot on roses. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75.

904 A. POMO-GREEN WITH NICOTINE. Like the above, but also kills sucking insects. Lb. \$1.00; 5 lbs. \$3.85.

929 D. 6% CHLORDANE DUST. Controls hornworms on tobacco and tomatoes, grasshoppers, Japanese beetle, chinch bugs and other turf insects; also, ants, roaches and other crawling insects. Lb. 50c; 4 lbs. \$1.40.

930 B. APHIS DUST. Contains pure gama isomer of benzene hexachloride, a new formulation for aphid control. 1 lb. 65c; 4 lbs. \$1.90.

931A SOILFUME-CAPS. See page 43.

For other Niagara products, see page 62.

SYNKLOR. Controls ants, chinch bugs, Japanese beetles, roaches, grasshoppers, squash bugs and cucumber beetle.

48 E Liquid. ½pt. \$1.25 (1 lb.); qt. \$4.00 (3 lbs.); gal. \$6.80 (10 lbs.).

50 W Powder. 8 ozs. \$1.50; lb. \$2.50; 5 lbs. \$7.25.

PARA-DICHLOROBENZENE or CRYSTAL GAS. Controls peach borers. Use 1 ounce to each tree. Lb. 45c; 5 lbs. \$1.75. Postage extra.

PARA-SCALECIDE. A liquid treatment for peach borers. Qt. \$1.25, postpaid \$1.50; gal. \$2.90, postpaid \$3.25; 5 gals. \$9.10, freight or express.

PARIS GREEN. ¼lb. 20c; lb. 60c; 5 lbs. \$3.00. Postage extra. Prices subject to change.

PYROX WITH NICOTINE. 20-oz. jar 60c, postpaid 75c; 5 lbs. \$2.00, postpaid \$2.25; 25 lbs. \$6.50, postpaid \$7.10.

P 40. (Contains sodium selenate), an insecticide for greenhouse use, spread on ground absorbed by plant, it kills certain insects, red spider, aphids, etc. 25 lbs. \$4.50; 50 lbs. \$9.00; 100 lbs. \$16.00.

RAT and ROACH POISONS and TRAPS. See page 64.

RED ARROW INSECT SPRAY. Oz. 35c; 4 ozs. \$1.00; pt. \$2.85; qt. \$5.50; gal. \$19.00; 5 gals. \$85.00. Postage extra.

ROTECIDE SPRAY. Contact and stomach poison. Will not burn or in any way affect the most delicate foliage. Oz. 35c, postpaid 40c; ½pt. \$1.00, postpaid \$1.12; pt. \$1.75, postpaid \$1.90; qt. \$3.00, postpaid \$3.17; gal. \$8.00, postpaid \$8.35.

SCALECIDE. Used for the destruction of San Jose scale. Spray during the winter or early spring when the trees are dormant. Qt. \$1.00, postpaid \$1.15; gal. \$2.40, postpaid \$2.75; 5 gals. \$8.10; 15 gals. \$19.00; 30 gals. \$30.50; 55 gals. \$45.00.

SLUG-SHOT (Powder). Lb. 40c, postpaid 52c; 5 lbs. \$1.70, postpaid \$1.95; 25 lbs. \$5.50.

SNAROL CUTWORM BAIT. Non-injurious to vegetation. It kills cutworms, snails, slugs, sowbugs, earwigs. Lb. 35c; 2½ lbs. 75c; 6 lbs. \$1.50.

SOILFUME-CAPS. For the control of nematodes and wireworms in garden and greenhouse. Very effective. 100 capsules \$2.00, postpaid \$2.05. **931 A.**

SULFOCIDE. An efficient summer spray for the control of scab and black-rot on fruit trees. Pt. \$1.00, postpaid \$1.15; qt. \$1.45, postpaid \$1.65; gal. \$3.00, postpaid \$3.35; 5 gals. \$9.75; 15 gals. \$22.75.

SULPHUR, Superfine Conditioning (Dusting). Lb. 10c, postpaid 22c; 5 lbs. 40c, postpaid 63c; 10 lbs. 75c, postpaid \$1.06; 25 lbs. \$1.50, postpaid \$2.11.

TARTAR EMETIC. Indispensable for gladiolus. ¼lb. 35c, postpaid 40c; lb. \$1.25, postpaid \$1.37.

TERMITE KILL (Fidel-X). A tested product for termite control. Qt. \$1.45, 4 qts. \$4.95. Not available.

TOBACCO DUST (Special Dusting or Fumigating). Lb. 10c, postpaid 22c; 3 lbs. 25c, postpaid 44c; 10 lbs. 60c, postpaid 93c; 20 lbs. \$1.00, postpaid \$1.50; 100 lbs. \$4.00.

TREE PAINT. ½pt. 50c, postpaid 62c; pt. 90c, postpaid \$1.05; qt. \$1.75, postpaid \$1.95; gal. \$4.50, postpaid \$5.00.

TREE TANGLEFOOT. Lb. 80c, postpaid 92c; 5 lbs. \$3.50, postpaid \$3.75.

TRI-GEN. (Now contains Fermate). Size A, \$2.25, postpaid \$2.37. Size B, \$6.00, postpaid \$6.25. Size C, \$9.00, postpaid \$9.40. Size D, \$30.00. Size E, \$1.35, postpaid \$1.50.

VOLCK. A summer oil spray that kills certain insects. 4-oz. bottle 35c, postpaid 42c; 16-oz. bottle 70c, postpaid 82c; qt. \$1.25, postpaid \$1.40; gal. \$2.85, postpaid \$3.10; 5-gal. drum \$9.95.

SYNKLOR. See page 42.

Soap Spreaders and Stickers

CATALIZER. Spreader and sticker. 2 lbs. 75c, postpaid 90c; 50-lb. bag \$13.50, postpaid \$14.08.

FISH-OIL SOAP NO. 3 (Potash). Soft. Lb. 40c, postpaid 52c.

LINSO LIQUID SOAP. Qt. 90c, postpaid \$1.05. Small size 40c, postpaid 52c.

RED ARROW SOAP. Gal. \$4.00.

SPREADER-STICKER. Grasselli. Pt. \$1.00, postpaid \$1.12; gal. \$7.00, postpaid \$7.40.

Seed, Turf, Bulb and Lawn Protectants

DORMATONE. To prevent sprouting of potatoes and other root crops. 12 ozs. will treat 11 bushels. \$1.00, postpaid \$1.12. Larger sizes available. 5-lb. can \$5.50.

SPERGON. Protects seeds from attack by soil-borne and seed-surface fungi, thus assuring better stands, healthier plants and higher yields. Oz. 25c, postpaid 30c; lb. \$2.25, postpaid \$2.37; 10 lbs. \$20.00, postpaid \$20.31.

ARASAN. For corn, sorghum, peanuts, and vegetables. 8 ozs. 80c, postpaid 92c; 4 lbs. \$5.16, postpaid \$5.37.

CERESAN (New Improved). Dust disinfectant to control diseases carried on grain seed and narcissus. 4 ozs. 45c; lb. \$1.00; 4 lbs. \$3.40. Postage extra.

SEMESAN. ½oz. 20c; 2 ozs. 60c; 12 ozs. \$2.40; 4 lbs. \$11.00; 25 lbs. \$58.28; 100 lbs. \$219.80. Postage extra.

SEMESAN SPECIAL. Controls brown patch on turf and lawns. 25-lb. pail \$39.96; 100-lb. drum \$149.85.

SEMESAN BEL (New Improved). Dip disinfectant to control scab and rhizoctonia carried on white seed potatoes. One pound disinfects 60 to 80 bushels. 2 ozs. 50c; lb. \$2.00; 4 lbs. \$6.33; 25 lbs. \$36.90; 100 lbs. \$138.75. Postage extra.

ROSETONE. See page 39.

Weed Destroyers

AMMATE. 2-lb. bottle 75c, postpaid 90c; 6-lb. bottle \$2.00, postpaid \$2.25; 50 lbs. \$12.00; 350 lbs. \$63.00.

CRAB GRASS KILLER (Zotox). Controls crab grass without destroying permanent lawn grasses. One pound will treat 1000 to 2000 square feet. 8 ozs. \$1.00, postpaid \$1.12; lb. \$1.50, postpaid \$1.65; 2 lbs. \$2.50, ppd. \$2.63; 5 lbs. \$4.50, ppd. \$4.71.

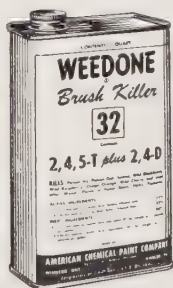
C-LECT (Tat). Crab Grass Killer. 8 ozs. \$1.00; postpaid, \$1.12; 16 ozs. \$1.50, postpaid \$1.65.

Combination Package. Pint TAT C-LECT and ½pint TAT weed C-LECT \$2.25, postpaid \$2.50.

DANDELION KILLER. Kills dandelion and plantain. 8-oz. size 35c, postpaid 47c; qt. 50c, postpaid 65c.

WEED KILLER. Destroys weeds and grass on roadways, paths, gutters, etc. One gallon makes 40 gallons of treating liquid. Qt. 70c, postpaid 85c; gal. \$2.00, postpaid \$2.35; 5 gals. \$8.00.

The New, Improved Weedone



Contains the powerful 2,4,5-T and 2,4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants WITHOUT KILLING THE GRASS. Non-poisonous to animals or humans. Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals. The only ALL-PURPOSE weed killer. 8-oz. can \$1.00; 1-qt. can \$2.75; 1-gal. can \$6.95; 5-gal. can \$25.00.

New Weedone Applicator For the Small Lawn



Fits any standard gallon or ½-gallon jug. Only 49c, postpaid 61c.

WEEDONE BRUSH KILLER 32. Contains 2,4,5-T plus 2,4-D. Kills woody plants, prevents re-sprouting of stumps. No vapor injury to nearby susceptible crops. Qt. \$4.00, postpaid \$4.17; gal. \$9.25, postpaid \$9.55.

WEEDUST-2.4 D. Weed Killer. Just dust the weeds out of your lawn. 12-oz. container, shaker top 75c, postpaid 87c.

Dog, Cat, Crow, Mole and Rabbit Repellents

All Subject to Sales Tax

CHAPERONE. (Powder.) A new household dog repellent. Keeps dogs off rugs and furniture. 50c, postpaid 58c; large can \$1.00, postpaid \$1.10.

DOG SKAT. To be attached to evergreens and shrubs. Large tube 25c, postpaid 30c.

DOGZOFF—Dog Repellent. 3-oz. bottle (treats 50 trees) 60c, postpaid 72c; pt. can \$2.50, postpaid \$2.60; qt. can \$4.00, postpaid \$4.12.

DOG-CHECK. The ideal repellent for checking "doggie habits." Safe and harmless; may be sprayed directly on new growth. Unaffected by rain, one spraying usually lasts two to three weeks. 3-oz. size 60c, postpaid 72c; 8-oz. \$1.00, postpaid \$1.12.

FUMOGEN. A scientific dog and cat repellent and insecticide. 8-oz. pkg. 50c, postpaid 62c.

KITTY CHAPERONE. Keeps cats off furniture. Pleasant odor, harmless. 50c, postpaid 58c; large size \$1.00, postpaid \$1.10.

PESTEX. A positive repellent of rabbits, moles, rodents, birds, dogs, cats. Harmless to plants or soil. Lb. 35c, postpaid 47c; 5 lbs. \$1.50, postpaid \$1.71; 10 lbs. \$2.75, postpaid \$3.06.

MOLE REPELLENTS. See page 64.

RABBIT REPELLENT. Non-poisonous and safe. Lb. (enough for 50 ft.) 45c, postpaid 57c; 5 lbs. (treats 250 ft.) \$1.75, postpaid \$2.06.

CROW REPELLENT. Repels crows and other corn-pulling pests. ½pt. (1-bus. size) 40c, postpaid 52c; pt. (2-bus. size), 60c, postpaid 75c; qt. (4-bus. size) 90c, postpaid \$1.05.

HORMODIN POWDER. (In three strengths.) Simplifies rooting of cuttings.

No. 1 Powder. 1¼ oz. 50c, postpaid 55c; 1-lb. tin \$3.00, postpaid \$3.12.

No. 2 Powder. 75c, postpaid 80c; 1-lb. tin \$4.50, postpaid \$4.62.

No. 3 Powder. \$1.00, postpaid \$1.05; ½-lb. tin \$4.50, postpaid \$4.62. Combination package of Nos. 1, 2, and 3, 75c, postpaid 80c.

M-Q SEWER CARTRIDGES. Will insure a clean, free-flowing sewer permanently at trifling cost. They destroy roots and other organic matter chemically without damage to plumbing. Simply flush them down your toilet. Box of six \$2.00, postpaid \$2.12.



SATISFACTION GUARANTEED

Postpaid \$1.15.

FERTILIZERS, PLANT-FOODS AND HORMONES

All prices on Fertilizers are subject to market changes; ton prices on request. Fertilizer and Plant-Foods, postage extra. For fertilizer to be sent by Parcel Post, consult Parcel Post table on page 1.

ADCO. An improved compost builder which will turn waste materials such as leaves, grass clippings, weeds, vines, cornstalks, etc., into rich organic manure. A 20-lb. bag of ADCO makes half a ton of splendid fertilizer. 5-lb. pkg. \$1.00, postpaid \$1.23; 20 lbs. \$2.25; postpaid \$2.76; 150 lbs. \$12.00, f.o.b. Baltimore.

AGRICO (6-10-4). A complete plant-food for lawns, trees, shrubs, and flowers. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

AGRICO for Broadleaf Evergreens. 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.25; 100 lbs. \$5.25.

ALUMINUM SULPHATE. For rhododendrons and azaleas. Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 100 lbs. \$5.00.

ASPARAGUS SALT. 10 lbs. 35c; 50 lbs. \$1.35; original sack 100 lbs. \$2.25.

BLOOD, DRIED. For flowering plants, like roses, carnations, etc., its chief element being nitrogen. Fine for ferns. Lb. 20c; 5 lbs. 80c; 10 lbs. \$1.50; 100 lbs. \$11.00.

BONEMEAL, Quick-Acting. A pure bone for building up wornout soil, lawns, etc. Quick acting. 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.75.

BONEMEAL, RAW. Will not burn. A high-class, slow-acting fertilizer. 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.75.

BONE FLOUR. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Lb. 10c; 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

COW MANURE, Pulverized. For garden, lawn and greenhouse, and especially good to mix with compost. 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.50.

ESSKAY (4-9-5). For lawns, flowers and vegetables. 10 lbs. 85c; 25 lbs. \$1.65; 50 lbs. \$2.75; 100 lbs. \$4.25.

COMMERCIAL FERTILIZER (5-10-5). 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

COMMERCIAL FERTILIZER (4-12-4). 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

COTTONSEED MEAL. For Azaleas, etc. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$5.50.

HYPER-HUMUS. Fine for lawns, replanting and repotting. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 75c; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$8.50; 1000 lbs. \$13.50; ton \$25.00.

IMP. A high-grade fertilizer used extensively by florists. 100 lbs. \$8.50.

LAND PLASTER or Gypsum. Highly recommended for iris borers. 25 lbs. 75c; 50 lbs. \$1.25; 100 lbs. \$2.25.

LIME, HYDRATED (Powdered). Apply 1 ton per acre on fields, or ½ ton on lawns. 10 lbs. 30c; 50 lbs. 75c; 500 lbs. \$6.00.

LIMESTONE (Ground). 80-lb. bag \$1.00.

MURIATE OF POTASH. Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 10 lbs. 75c; 100 lbs. \$5.00.

NITRATE OF SODA. For truck farmers only. Lb. 10c; 3 lbs. 25c; 10 lbs. 75c; 100 lbs. \$4.50.

ORCHID PEAT. Osmunda Fibre. Lb. 75c.

PEAT MOSS (Granulated). Pk. 25c; bus. 75c; small bale \$3.50; full-size bale \$4.90.

RHODO-AZALEA FOOD. (3-20-3). The best food for these acid-loving plants. 5 lbs. 65c; 10 lbs. \$1.15; 25 lbs. \$2.50.

ROSE FOOD—All organic (5-7-4). 100% plant-food. 5 lbs. 65c; 10 lbs. \$1.25; 25 lbs. \$2.50.

SHEEP MANURE, Pulverized. 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.50.

SPHAGNUM MOSS. For packing plants and growing orchids. Pk. 50c, postpaid 62c; bus. \$1.25, postpaid \$1.46; bale (about 3 bus.) \$3.75.

SULPHATE OF POTASH. Fine for roses. Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 10 lbs. 75c; 100 lbs. \$5.00.

SULPHATE OF AMMONIA. 100 lbs. \$5.00.

SUPER PHOSPHATE. Lb. 5c; 10 lbs. 45c; 25 lbs. 85c; 100 lbs. \$2.50.

TEROGEN. Ground-dressing and soil-disinfectant. Lb. 75c; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00.

TOBACCO STEMS (Ground). Lb. 5c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.75.

TOBACCO STEMS. Lb. 5c; small bales (about 25 to 40 lbs.), lb. 3c.

VIGORO 4-12-4. For lawns, trees, shrubs and flowers. Lb. 15c; 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.25.

WEDO. Contains 2,4D. It feeds grass and destroys weeds at the same time. Analysis 6-10-4; rate of application, 1½ lbs. per 100 sq. ft. 25 lbs. \$2.75; 100 lbs. \$7.95.

Concentrated Plant-Foods for Indoors and Outdoors

HYPONEX. Food, drink and medicine for plant life. Hard to beat for house plants, lawns, trees and vegetables. Grows superior plants in soil, sand or water. It is a complete balanced plant-food. Highly recommended for African violets. A 1-lb. can makes 100 gals. of feeding solution. Oz. 10c, postpaid 12c; 3 ozs. 25c, postpaid 29c; 7 ozs. 50c, postpaid 62c; lb. \$1.00, postpaid \$1.15; 10 lbs. \$8.00, postpaid \$8.32; 25 lbs. \$15.00, postpaid \$15.61; 50 lbs. \$25.00; 100 lbs. \$40.00.

HY-GRO (13-26-13). A new soluble plant-food for outdoors or indoors. 2 lbs. with jar and sprayer to be attached to hose. (For refilling buy the 10-lb. size.) Will cover 2400 square feet in liquid solution. \$2.50, postpaid \$2.65; 3 ozs. 25c, postpaid 35c; 20 ozs. \$1.00, postpaid \$1.10; 10 lbs. \$4.00, postpaid \$4.20.

VHPF. Soluble hormones with soluble fertilizer. Plants keep right on growing when transplanted and fed with soluble VHPF. 1-lb. pkg. 65c, postpaid 75c; 3 lbs. \$1.20, postpaid \$1.37.



PLANTABBS. Use for beautiful gardens and lovely house plants. 10 tablets 10c; 30 tablets 25c; 75 tablets 50c; 200 tablets \$1.00; 1000 tablets \$3.50, postpaid.

VIGORO. Tablets for house plants. Pkg. (24) 10c, postpaid 12c.

VITAMIN B1 PELLETS. 25c pkg. makes 200 gals.; \$1.00 pkg., 2000 gals. Ppd.

Floralife

Helps Cut-Flowers Live Longer

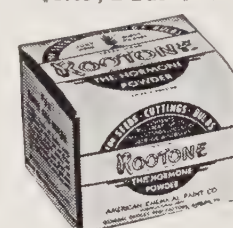
Use in floral arrangements. Pkt. 10c, postpaid 12c; handy home size (makes 30 qts. solution) \$1.00, postpaid \$1.15; bulk size (makes 100 qts.) \$3.00, postpaid \$3.20.

FERTILIZERS FOR GREENHOUSE AND GARDEN CROPS. By Alex Laurie and J. B. Edmond. 156 pages; 22 illus. \$2.50, postpaid \$2.60.



SACCO. The complete all-purpose plant-food. Contains all eleven elements needed for thicker, greener turf, beautiful flowers, vigorous trees and shrubs, and more tasty vegetables. Sacco is famous for results. It is clean, odorless and always uniform. Sacco is endorsed by thousands of home owners and professional gardeners everywhere. 2½ lbs. 25c; 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$3.95.

TERRA LITE. A growing medium for rooting cuttings, for plant propagation, for seed germination, for mulching, to lighten heavy soil, for storing bulbs. Replaces pebbles for growing bulbs in water. 4-qt. bag 40c, postpaid 55c; ½ bus. 85c, postpaid \$1.05; 2 bus. \$1.75, postpaid \$2.15.



Rootone

The plant hormone powder, for cuttings, seeds, tubers, and bulbs. Just dip the base of the cutting or slip in Rootone, set in sand, and the roots will grow faster and bigger. By dusting seed with Rootone, seedlings grow faster and more uniformly, producing stronger plants and better crops. ¼-oz. pkt. 25c, postpaid 27c; 2-oz. jar \$1.00, postpaid \$1.05; 1-lb. can \$5.00, postpaid \$5.12.

ROOTONE No. 10. For woody cuttings only. 2-oz. jar \$2.00, postpaid \$2.05; 1-lb. can \$10.00, postpaid \$10.12.



Transplantone

The hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, and plants in general take root faster. Produces earlier maturity and larger crops when used on tomato, cabbage, celery, lettuce, tobacco, and sweet potato plants. ½-oz. pkt. 25c, postpaid 27c; 3-oz. can \$1.00, postpaid \$1.05; 1-lb. can \$4.12.

Fruitone

More tomatoes and more SEED-LESS tomatoes with Fruitone

Fruitone also helps grow big berries on berry-bearing shrubs and stops pre-harvest drop on fruit trees. ¾-oz. pkt. (makes 5 gals.) 25c, postpaid 27c; 2-oz. can (makes 25 gals.) \$1.00, postpaid \$1.05; 12-oz. can \$5.00, postpaid \$5.12.



See page 43 for other Hormone Powders.

GARDEN ACCESSORIES

Are All Subject to Maryland Sales Tax



"TWISTEMS"

THE NEW HANDY PLANT-TIE

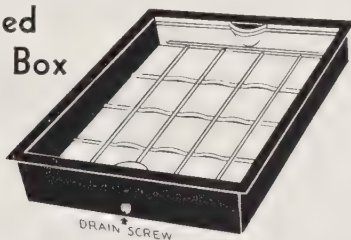
"Twistems" are dark green, strong tapes with wire reinforcing that make perfect plant-ties. 8-in., box of 100, 25c; 16-in., box of 100, 50c; postpaid, add 12c per box.

Adjusto Plant Support

A square, sturdy hardwood stake equipped with a patented adjustable wire loop. 3-ft., \$2.20 per doz.; 4-ft., \$2.60 per doz.; 5-ft., \$2.85 per doz.; 6-ft., \$3.20 per doz. For postage, add 23c, 41c, 51c, and 69c. If wanted without wire loop (stakes only) deduct \$1.20 from each size.

Extra Wire Loops. \$1.20 per doz., postpaid \$1.53.

Seed Grow Box



This box is made for starting delicate flower and vegetable seed. Best results; no failures. Patented inner plate permits watering beneath—no watering on top. Guaranteed 5 years' service. Proved a big success. Size 12 x 14 x 2 3/4 inches deep. Can't lose drain screw provided for excess water. \$2.50 each, postpaid \$2.69.

VITA-BANDS

Vita-Band No. 10. Built to last about 10 weeks. 1000
1 3/4 x 1 3/4 x 2 1/2 \$3 35
2 x 2 x 2 1/2 3 65
2 x 2 x 3 4 15
2 1/2 x 2 1/2 x 3 4 75
3 x 3 x 3 5 65

Vita-Band No. 40. Will last for 40 weeks. 1000
1 3/4 x 1 3/4 x 2 1/2 \$4 90
2 x 2 x 2 1/2 5 40
2 x 2 x 3 5 90
2 1/2 x 2 1/2 x 3 6 95
3 x 3 x 3 8 10

If to be sent by parcel post, add 87c to 1000 price on each of above sizes.

Vita-Bands No. 40. 2 x 2 x 2 1/2 in. 75c per 100, postpaid 87c; 3 x 3 x 3 in. \$1.00 per 100, postpaid \$1.12.

Plantrays

Unbreakable Rubber Flower-Pot Saucer

With Moisture-retaining Pad.

Each	Ppd.	Each	Ppd.
5 in.... \$0 25	\$0 30	10 in.. \$0 90	\$1 12
8 in.... 50	56	12 in.. 1 75	1 90

Wooden Plant Boxes

The front is removable, permitting sliding out the pots.

No. 1 XP. Plant Box. With 36 2-in. pots. \$1.00 each, postpaid \$1.23.

No. 3 XP. Plant Box. With 16 3-in. pots. \$1.00 each, postpaid \$1.38.

Kraft Board Pots. Sold separately if desired. 2-in., 90c per 100, postpaid \$1.12; \$3.00 per 1000, postpaid \$8.50. 3-in., \$1.35 per 100, postpaid \$1.58; \$12.00 per 1000, postpaid \$12.87.

Garden Gloves

EEZY WEAR

Dirt proof, washable, all leather and durable, yet soft as kid and easy to wear. Ladies' sizes—6, 7 and 8. Men's sizes—9 and 10. \$1.25 per pair, postpaid \$1.30.

Other Gloves on page 56.



Pot and Tree Labels All Painted

Pot Labels

Width	100	P.P. Wt.	1000	P.P. Wt.
				Per 1000
4 x 5/8-in...	\$0 35	1/2 lb.	\$3 00	3 lbs.
5 x 5/8-in...	45	1/2 lb.	3 30	4 lbs.
6 x 5/8-in...	50	3/4 lb.	3 65	5 lbs.
8 x 5/8-in...	70	2 lbs.	5 70	8 lbs.
10 x 5/8-in...	85	1 lb.	6 70	10 lbs.
12 x 5/8-in...	1 00	2 lbs.	8 00	12 lbs.

Garden Labels

8 x 7/8-in...	85	2 lbs.	7 90	9 lbs.
10 x 7/8-in...	1 00	2 lbs.	9 00	10 lbs.
12 x 1 1/8-in...	1 75	3 lbs.	15 00	12 lbs.

Tree Labels

3 1/2-in. cop-	50	1/2 lb.	3 80	4 lbs.
per wire..				

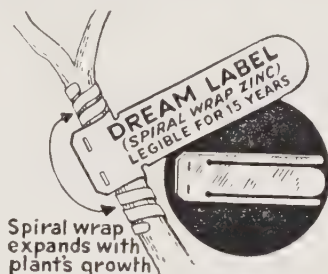
Green-Painted Round Plant Stakes

	Each	Doz.	100
3-ft., heavy or dahlia...	\$0 15	\$1 75	\$12 50
4-ft., heavy or dahlia...	20	2 25	17 00
5-ft., heavy or dahlia...	25	2 70	21 50
6-ft., heavy or dahlia...	30	3 50	26 00

Postage extra per doz.: 3-ft., 12c; 4-ft., 15c; 5-ft., 21c; 6-ft., 25c.

	Each	Doz.	100
1 1/2-ft., light...	\$0 05	\$0 50	\$3 00
2-ft., light...	06	70	4 50
2 1/2-ft., light...	09	90	6 00
3-ft., light...	10	1 10	7 50

Postage extra per doz.: 1 1/2-ft., 12c; 2-ft., 12c; 2 1/2-ft., 15c; 3-ft., 15c.



Spiral wrap expands with plant's growth

Something new and original. 24 to pkg. with marking Ink and Pen. 85c, postpaid 97c.

Bamboo Plant Stakes

Dyed green.

	Doz.	P.P.	100	P.P.
2 ft.....	\$0 20	\$0 32	\$1 00	\$1 23
3 ft.....	25	37	1 50	1 73
4 ft.....	30	45	1 75	2 18

Tonkin Stakes

Natural color for staking Dahlias, Chrysanthemums, etc.

	Doz.	100
4 ft.....	\$1 10	\$7 00
5 ft.....	1 50	10 00
6 ft.....	1 75	12 00

Richmond Style Cedar Tubs

Painted Green

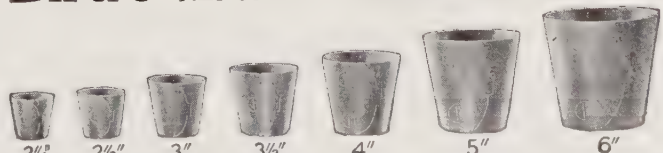
No.	Top In.	Bottom In.	Depth In.	Each	Lbs.
No. 2.....	7	5	7	\$1 10	1 1/2
No. 3.....	8	6	8	1 25	3
No. 5.....	10	7 1/2	9	1 45	3
No. 7.....	12	9	11	2 10	5
No. 9.....	14	11	13	3 10	7
No. 11.....	16	12 1/2	15	3 85	9
No. 13.....	18	14 1/2	17	5 00	12

If wanted by Parcel Post, include postage.

Extensively used for shipping plants, starting seeds and seedlings.

Bird's IMPROVED NEPONSET

Flower Pots



	Doz.	100	1000	Weight
2 1/4 in.....	\$0 12	\$0 90	\$6 85	10 lbs.
2 1/2 in.....	12	90	6 85	12 lbs.
2 3/4 in.....	13	95	6 90	16 lbs.
3 in.....				
3 1/2 in.....	20	1 25	9 65	35 lbs.
4 in.....	25	1 45	11 55	42 lbs.

For other sizes, write for information.

Aerosol Bombs

For greenhouse pest control

G54. Thion Vapor Bomb, Parathion. For most greenhouse pests. \$10.00.

G52. Tetra Vapor Bomb, Tetraethyl Pyrophosphate. For control of red spider. \$6.50.

G50. Mul-T-Vapor Bomb, DDT. For most greenhouse pests. \$8.50.

G57. Tetraethyl-dithio pyrophosphate Bomb. \$10.00.

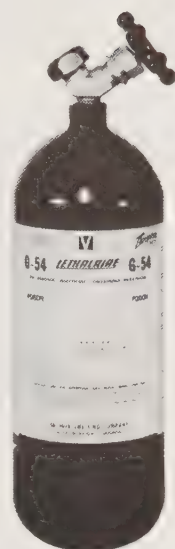
Speed King Applicator.

For use with Aerosol Bombs. Consists of high-pressure hose, copper tubes, spray nozzles, and canvas shoulder sling.

With 24-in. Copper Tube.....	\$5 50
With 36-in. Copper Tube.....	6 50
With Extra-Long Copper Tube....	7 50
Gas Masks.....	7 50
Cannister.....	3 50

Deposit on all Bombs, \$3.75
Deposit on Wooden Cases Each
6 Bomb Cases.....\$4 00
2 Bomb Cases.....1 50

Write for complete information



Earthenware Flower Pots and Bulb Pans



Sent by express and freight only. Packing at cost.

	Each	Doz.	100	Saucer Each
2 in.....	\$0 03	\$0 28	\$2 00	
2 1/2 in.....	04	35	2 50	
3 in.....	05	45	3 10	
4 in.....	06	65	4 70	\$0 06
5 in.....	10	1 15	8 50	08
6 in.....	15	1 65	12 75	10
7 in.....	25	2 50	19 10	13
8 in.....	35	3 50	27 60	20
9 in.....	50	5 40	43 00	25
10 in.....	65	7 10	56 85	

Lock Folded



Not Glued

Waterproofed Plant Boxes

Each containing 12 BB Craft Board Pots

Your plants can be transferred to the garden in BB Craft Board Pots. Simply unlock bottom, fold flaps back, and place in the ground without disturbing the roots. Pkg. (12 boxes) 20c each, postpaid 25c; two for 35c, postpaid 47c.

LAWN AND GARDEN ACCESSORIES

Add postage. Prices subject to change

Twines, Raffia, Etc.

White Cord. 3-ply, 4-ply and 6-ply, lb. 80c.
Jute Twine. 3-ply and 2-ply. Ball 35c, postpaid 47c.

Binder Twine. Standard. 5-lb. ball \$1.50.
Fodder Twine or Tarred Sisal. 25-lb. and 50-lb. coils, 40c per lb. Less coil lots, 42c per lb., any length.

Plow Lines, Cotton. 14 yds. \$1.25, postpaid \$1.37.

Garden Line, No. 24. 150 ft. of good cotton line. 35c, postpaid 40c.

Red Tape, No. 17. For tying asparagus. 1000 yards \$3.25, postpaid \$3.40.

RAFFIA. For tying anything in the garden. Lb. 75c, postpaid 87c. Hanks contain about 1 lb.; 5 lbs. or more at 65c per lb.

Green Raffia. Lb. \$1.15, postpaid \$1.20; ½lb. 65c, postpaid 67c.

GRAPE PROTECTING BAGS. Made of glazed paper, just the right size for our domestic grapes. \$1.75 per 100; \$15.00 per 1000; postpaid \$1.87 and \$15.35.

GRAFTING WAX. ¼lb. 35c; ½lb. 50c; lb. 80c. Postage extra.



Fig. 22

No. 205. Solid steel shank. \$2.00, postpaid \$2.12.

No. 211. Fig. 22. One-piece Trowel \$1.10, postpaid \$1.22.

No. 215. 6-in. Trowel. 35c, postpaid 47c.

No. 217. 6-in. Transplanting Trowel. 25c, postpaid 31c.



Fig. 23

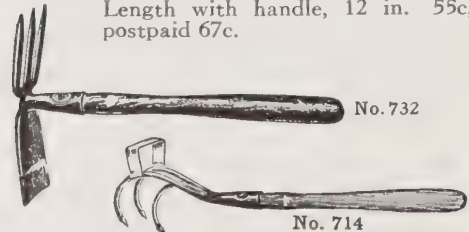
MELCO DELUXE GARDEN TOOLS. Fig. 23. Made of aluminum; light, strong and lasting. Regular trowel and transplanting trowel, each 11 in. long. \$1.25 each, postpaid \$1.37. The above tools can be had in unpolished metal. 60c, postpaid 72c.



Fig. 24

Garden Fork or Weeder, No. 300. Fig. 24. 65c, postpaid 77c.

Gardex Midget Culti-Hoe, No. 732. Length with handle, 12 in. 55c, postpaid 67c.



No. 732

No. 714

Gardex Midget Culti-Weeder, No. 714. Weeding blade on one side and 3-pronged cultivator on the other. 3 prongs 2¾ in. wide. Blade 1½ in. wide. Length with handle, 16 in. 50c, postpaid 62c.

Gardex Midget Rake, No. 715. Small; handy design. 5 curved teeth. 50c, postpaid 52c.

Due to uncertain conditions at this time all prices on this page subject to change.

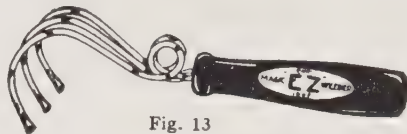


Fig. 13

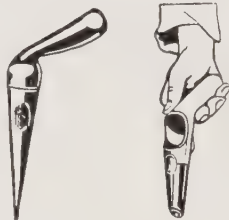
Magic "EZ" Weeder. Fig. 13.

No. A. 20c, postpaid 32c.

No. B. 14-in. handle 30c, postpaid 42c.

No. D. 4-prong, with hoe attachment. 40c, postpaid 52c.

Style F. 4-prong; 3½-ft. handle. \$1.00, postpaid \$1.15.



No. 751

No. 750

For planting bulbs and for setting out plants. They are both made of good steel and are as light as a feather. The Hollow Planter is pushed into the soil, given a quarter turn and then lifted out. This tool leaves the walls of the hole soft and loose.

Dibble, No. 751. 11¾ in. overall. \$1.10, postpaid \$1.12.

Hollow Planter, No. 750. Diam. of hole 1½ in. \$1.00, postpaid \$1.12.

Dibble, No. 218. Wood handle. \$1.00, postpaid \$1.15.

Hole-in-One Planting Tools. Especially adapted for bulb plantings. Junior. 75c, postpaid 87c.



Fig. 17

Asparagus Knife, No. W26. Fig. 17. Makes a fine weeder as well. 35c, postpaid 47c.

Asparagus Buncher. Ties quickly and uniformly. With knife-guard. Weight 8 lbs. \$5.50.



Grass Hooks or Sickles

Grass Hook, Village Blacksmith No. 3. Best steel. 90c, postpaid \$1.05.

Scythe Type Grass Hooks

No. 15. Hardened embossed tempered blade. Ground and sharpened to keen cutting edge. Malleable shank. Form-fitting hardwood handle secured by two heavy-duty brass rivets. 80c, postpaid 95c.



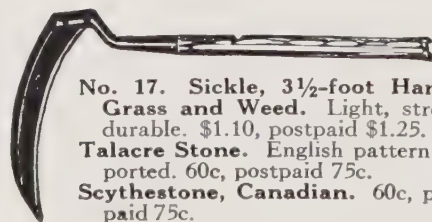
Fig. 10

Scythes, Grass, American Make. Fig. 10. 32 and 34 in. long. \$2.25, postpaid \$2.45.

Scythes, Weed and Bush, American Makes. 18 and 28 in. long. \$2.25, postpaid \$2.45.

Scythes, Austrian. 30 and 32 in. \$4.25, postpaid \$4.45.

Snaths, No. 30. Extra-heavy construction with swing plate; has a heavy loop bolt. \$3.00, postpaid \$3.25.



No. 17. Sickle, 3½-foot Handle Grass and Weed. Light, strong, durable. \$1.10, postpaid \$1.25.

Talacre Stone. English pattern imported. 60c, postpaid 75c.

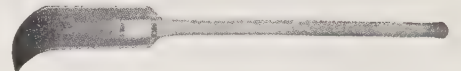
Scythestone, Canadian. 60c, postpaid 75c.



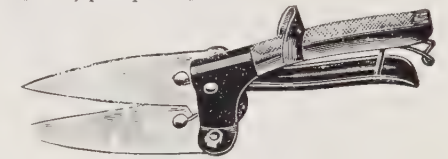
Graswip, No. 165. Grass and weed cutter. Double edged, cuts on the forward and backward stroke. \$1.75, postpaid \$1.90.

Graswip, No. 164. New serrated blade. \$1.55, postpaid \$1.75.

Bush and Brush Hooks



Brush Killer (shown above). For heavy cutting. 17-inch blade and 36-inch handle. \$3.50, postpaid \$3.70.



No. A1575. Long-handled Grass Shears. \$3.50, postpaid \$3.65.

No. A57. Special Ezy-Cut. \$1.50, postpaid \$1.65.

No. A157. Improved Ezy-Cut. \$1.95, postpaid \$2.10.

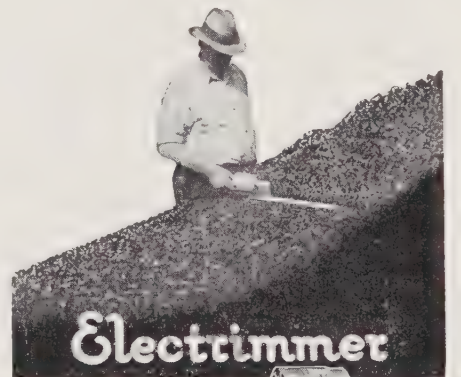


Fig. 1

No. 5600. Wiss. Fig. 1. Drop forged from cutlery steel, hardened and tempered, hollow ground. \$2.25, postpaid \$2.37.

No. 4. V. B. Grass Shears. Same style as Fig. 1. \$1.25, postpaid \$1.37.

Grass and Sheep Shears. Solid steel polished. \$1.35, postpaid \$1.47.



Electrimmer



Electrimmer

A Real Tool for a Real Job!

Built to give enduring service. Has ¼ H.P. universal motor with die-cast aluminum housing and handy thumb-operated toggle switch. Special alloy gears. Cutter blade, 12 in. long, is made of finest crucible steel. Price, shown below, includes 6 ft. of best rubber-covered cord. \$37.50, postpaid \$37.75.

Post Hole Digger

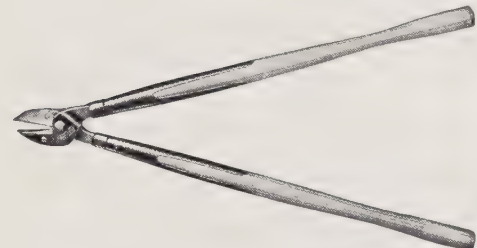
No. B.D. 200. Extra-heavy blade 9 in. long, with 6-in. spread. Strong handles 40 in. long. \$3.50, postpaid \$3.83.

WINDOW BOXES, PRUNING TOOLS, SPRINKLERS

Perfecto Flower Boxes. Made of metal, painted green. Watertight, with drain screw for excess water. 20 in. \$3.00, postpaid \$3.23; 26 in. \$3.50, postpaid \$3.73; 32 in. \$4.00, postpaid \$4.23.
Stands for above: 26 in. \$4.50; 32 in. \$5.25, postpaid \$4.79 & \$5.56.



Dandelion or Lawn Weeder
No. WSL12. 3-ft. handle, 70c, postpaid 85c.
Lopping or Pruning Shears



No. 75. MULTI-POWER PRUNER. A superior pruner, powerful and clean cutting. Easily cuts 1 3/4 to 2-inch branches. Handle 22 in. long. Overall length 31 in. \$6.25.

No. 528. Curved blade and hook. Forged steel and wood handle grips. \$4.95.

No. 149. Snap Cut. This popular light-weight pruner, featuring powerful action plus ease of operation, is ideal. Cuts 1 1/2-inch limbs easily. All parts replaceable at nominal cost. Length 25 in. \$4.00.

Postage on Shears 23c extra.

Hedge Shears



These Shears are made to meet the demand for a better-balanced, easier-cutting, and more durable hedge clipper.

No. 38. Corona Hedge Shears. 8-in. serrated cutting edge. \$1 75

No. 326. Improved Multi-power Hedge Shears. 9 1/2-in. 5 00

No. 26N. 6-in. 2 25

8-in. 3 00

9 1/2-in. 3 25

Postage on Hedge Shears 23c extra



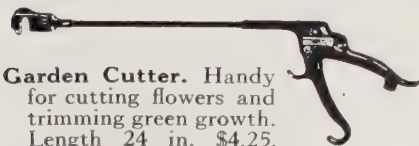
Hand Pruning Shears

Postage on Shears, 12c extra

No. 908. Wiss High Power. Popular with orchardists and nurserymen. \$3.00.

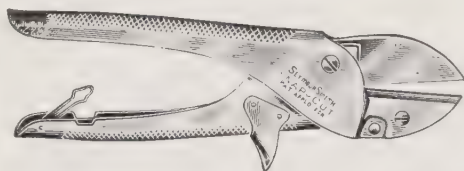
No. 125. Professional Pruner. Forged steel. \$4.00 each.

Alligator No. 101. One hand pruning shear 13 in. long, easy-feel hand grip, for those hard-to-get-at places. \$1.00, postpaid \$1.12.



Garden Cutter. Handy for cutting flowers and trimming green growth. Length 24 in. \$4.25, postpaid \$4.40.

Wiss Flower Cutter Holder. It reaches cuts and holds. \$3.50, postpaid \$3.62.



Snap Cut Pruner, No. 119. An improved easier-cutting Pruner, polished. \$2.25.

No. 118. Ladies' size. \$1.75. Enameled Handle \$1.00.

Clipper Pruner, No. 122. Regular style pruner. Not polished. \$1.50.

Extra Blades for Snap Cut Pruners, 50c; for other Pruners, 25c, both postpaid.



No. 400 Edger

Gardex Turf Edger. You can edge from 900 to 1000 running feet of lawn in an hour with this tool. Designed with a wing blade it cuts horizontally as well as vertically. All you do is push it along with short, even strokes. It also cuts a clean V-shaped groove along sidewalks by tilting it to a 45° angle. **No. 400.** 4 1/2-ft. handle, \$2.25, postpaid \$2.48.

Planet Jr. Edger, No. 2. Fig. 18. \$2.50, postpaid \$2.69.

Turf Edger. For edging walks. \$1.90, postpaid \$2.12.

Grubbing Hoe. 3 3/4-in. cut. \$2.10.

Picks. 6 lbs. \$2.10.

Mattocks. 15 in. long, 3 1/2-in. blade, 3-in. cutter. \$2.25.

Handles extra for above. \$1.10 each.

Ax. 3 1/2-lb. 36-in. handle. \$3.50.

Ax Handles. 95c each.

Hatchets. 2-lb. Half Hatchets. \$3.25.



Fig. 18

Pruning Knives

Pruning Knife No. 1001. Wood handle. \$2.00, postpaid \$2.05.

Budding Knife No. S1944WPH. American make. One blade; white handle. \$2.00, postpaid \$2.05.

Budding Knife No. 7164 1/2 WPH. Gardener's pocket knife. Two blades. \$3.00, postpaid \$3.05.

Long-Handled Tree Pruners and Saws

Made of best material. Express or freight only.

No. 3. Waters Pattern.

10-ft. handle.....\$4 50

12-ft. handle.....5 00

No. 1312. 12-ft., 2 section.....5 00

No. 20. 18 ft. complete saw with pole, 3 sections. \$12.00.

Not available.

No. 12. For Heavy Duty. Capacity 1 1/2 in. To be attached to pole. \$6.80, postpaid \$7.00.

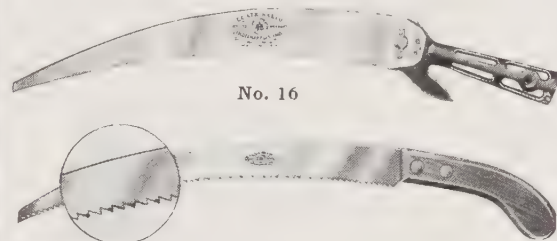
No. 111. Fig. 2. \$3.50, postpaid \$3.65.

Solid Poles, without joints. For pruners, saws, fruit-pickers, window-washers, etc. Sitka or airplane spruce, very strong and light weight. 1 3/8 in. round, 16 ft., \$2.40. Not available.

No. 16. Length 16 in. Curved blade cuts on draw stroke. Adjustable; has hook for dislodging cut limbs. To be used on pole. \$3.00, postpaid \$3.15.



Fig. 2



No. 16

PRUNING SAWS.

No. 20. Length 14 in.; curved blade, short handle. \$1.60, postpaid \$1.75.

No. 3. Length 18 in. Doubleedge. \$2.25, postpaid \$2.40.



No. 40. Tuttle Tooth Pruning Saw. 24-in. blade, for heavy pruning. Large grip. \$3.75, postpaid \$4.00.



No. 11. Adjustable to four angles. 16-in. blade. \$2.80, postpaid \$3.00. Extra blade. 50c, postpaid 60c.

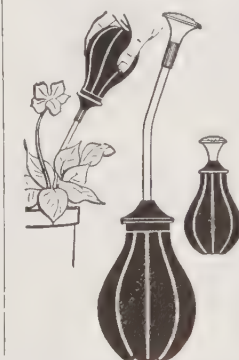
Watering Can

Hot dipped. Well made with removable rose.

6-qt.....\$1 60 | 10-qt.....\$1 90

8-qt.....1 70 | 12-qt.....2 10

For Parcel Post, add 35c to each.



Double Duty Plant Fountain

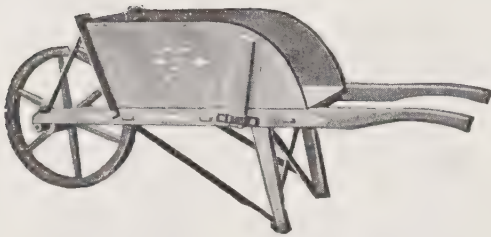
For greenhouse, home or garden use. \$1.00, postpaid \$1.12

Kneeling-Pads

Found most convenient and serviceable for many uses, in gardening and housekeeping. Made of best Para rubber. 60c, postpaid 72c.

GARDEN TOOLS

Wheelbarrows



No. 3. Wood. A durable, neat garden Barrow. Size of body 26 in. long, 19 in. wide in front, 22 in. wide at back. Sideboards, 27 in. long, 12 in. high; handles, 60 in. long; 2-in. tread wheel; 20-in. diameter. \$20.00. Rubber-tired, \$30.70.

Wire Leaf Rack. 10 bus. size \$13.50.

No. 67. Designed for hauling through narrow greenhouse aisles. Equipped with metal hand guards. 31 inches long, 18 inches wide in back, 15 inches wide in front. Pneumatic tire. \$34.50.



Model 455. Steel tray. With steel wheel and Wood handles, \$25.95; with rubber tire, \$38.10.

Model 465. Steel tray. With steel wheel and Steel Pipe handles, \$26.75; with rubber tire, \$38.90.

No. 20. Barrow. Here is an attractively priced Barrow for light service. With steel wheel \$10.45; with semi-pneumatic rubber tire \$14.20.



Fig. 23

Fig. 4

Fig. 5

MANURE FORKS

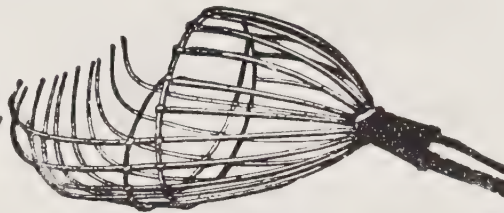
4 tines; D handle.....\$2 70
4 tines; D handle..... 3 00
6 tines; D handle..... 3 25
4 tines; 4½-ft. handle..... 2 70

HAY FORK

3 tines; 6-ft. handle.....\$2 90

ENSILAGE FORKS

8 tines; D handle.....\$5 00
10 tines; D handle..... 5 45



Fruit Picker

The best fruit is always out of reach. As a Fruit Picker it has no superior. It is made of heavy wire and easily adjusted to a pole. 75c, postpaid 90c.



HOES



Fig. 1

Fig. 2

Warren Hoe. Heart-shaped.....\$1 95
Garden Hoe. Two-prong..... 2 00
Garden Hoe. 6½-in. blade. Fig. 4... 1 90
Garden Hoe, Cyclone..... 1 50
Nursery Hoe. W-BGN. 2½-in. 1 80
Gardex No. 110-5. Pull Hoe. Fig. 1.. 1 50
Gardex Cult. Weeder. Fig. 2..... 1 35
Potato Hook or 4-prong Hoe..... 2 00
Garden Mattock (MH3)..... 2 00

See page 47 for other Hoes

SHOVELS

Round point (long handle; best grade) 2 80
No. 2. D handle, square point..... 2 80
No. 2. Long handle, square point... 2 80
No. 4. D handle Scoop Shovel..... 2 80
No. 8. D handle Scoop Shovel..... 3 00
Ladies' Garden Shovel WSL21..... 1 95

SPADES

Garden Spade. Long handle..... 3 00
Standard Garden. Fig. 5..... 3 00
Heavy Nursery. D handle..... 6 00
Turving Sod Lifter. W-SL..... 4 50

SPADING FORKS

4-tine; long handle..... 2 40
4-tine; D handle. Fig. 23..... 2 40
Post-Hole Digger..... 3 25

REPAIR HANDLES

Spading Fork Handles..... 1 20
Manure Fork Handles..... 1 20
Hoe Handles. 4½-ft. cap and ferrule. 1 00

FOR PARCEL POST, ADD 25c TO EACH TOOL

M.-S. Water Ballast Lawn and Tennis Court Rollers

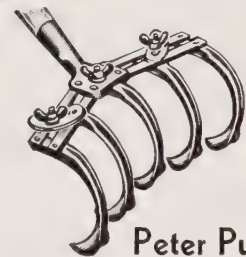
Equipped with Ball Bearings and Scraper

No. 2. Diam. 14 in., length 24 in. Wt., empty, 70 lbs.; filled with water, 175 lbs. \$15.75.

No. 4. Diam. 18 in., length 24 in. Wt., empty, 85 lbs.; filled with water, 265 lbs. \$18.75.

No. 7. Diam. 24 in., length 24 in. Wt., empty, 110 lbs.; filled with water, 420 lbs. \$27.00.

No. 109. Diam. 24 in., length 32 in. Wt., empty, 130 lbs.; filled with water, 566 lbs. \$48.00.



Peter Pulverizers

No. P55. 5-prong adjustable cultivator. A sturdy and durable tool with the new positive method of adjustment. \$1.59, postpaid \$1.85.

No. P2. 2-prong, not adjustable. Excellent for cultivating narrow-row crops and flowers. 85c, postpaid \$1.00.

Combination Hoe and Cultivator

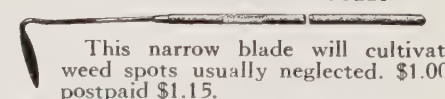


THE GARDEN CLUB Model

Two of the most important of all garden tools, on one handle. \$2.00, postpaid \$2.15.

Handy Hoe

LENGTH OVERALL — 4 FEET



This narrow blade will cultivate weed spots usually neglected. \$1.00, postpaid \$1.15.

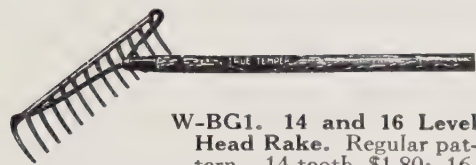


Speedy Cultivator

\$2.00, postpaid \$2.15

Stable Brooms. Push type. 16-in. with hand, \$2.75; 14-in. \$2.50. Less handle, deduct 50c. Postpaid, add 25c each.

RAKES, LAWN BROOMS, CULTIVATORS, AND DUSTERS



W-BG1. 14 and 16 Level Head Rake. Regular pattern. 14-tooth \$1.80; 16-tooth \$1.90. Postpaid, add 23c.

W-BG1. 14 and 16 Steel Rake. Bow pattern. 14-tooth \$2.00; 16-tooth \$2.25. Postpaid, add 23c.

Rake, Wood. 24-tooth. \$1.50. Postpaid, add 23c each.

Gardex Scuffle Hoe, No. 4107. This push-type Hoe is a favorite for cutting weeds in driveways, close to buildings and other places where ordinary hoes are unsatisfactory. The blade is made of special high-grade steel that will stand up and stay sharp. Blade 7 in. wide; 5-ft. handle, \$1.50, postpaid \$1.73.



No. 403 Gardex Lawn Sweep with flat, flexible tines made of special tempered spring steel. Flexible tines do not tear up grass roots or injure lawn. Concave arched construction makes all 22 tines touch the lawn, thus utilizing full width of broom. 18 in. wide with 42-in. handle, \$1.35, postpaid \$1.58.

Bamboo Lawn Broom. Well made and serviceable. 18 in., \$1.50; 24 in., \$2.00; 30 in., \$2.50.



Pelican Pick-Up Rake. The new broom Rake that sweeps clean—picks up leaves, grass or trash, and deposits in container without bending or stooping. \$1.25, postpaid \$1.48.

Disston Steel Lawn Rake. The finest lawn Rake ever made. No stooping, no bending—just sweep your lawn as with a broom, and off comes the dead grass and leaves without tearing up surface roots. The Disston Rake has teeth of special flat spring steel, oil tempered and hardened for resiliency and resistance to wear. They will not wear sharp in use. 18 teeth, \$2.25; 24 teeth, \$3.00. Postpaid, add 23c each.

Gardex Cultivator No. 1635. This improved Cultivator hoes light and medium soils rapidly and easily. 5 prongs, 5-ft. handle, \$2.60, postpaid \$2.85.



Fig. 1

No. 1605. 5-prong. Fig. 1 can be quickly changed to 1, 2, 3, 4 or 5-pronged tool. \$1.85, postpaid \$2.06.

Gardex Cultivator No. 1553. 3-prong. \$1.85, postpaid \$2.00.

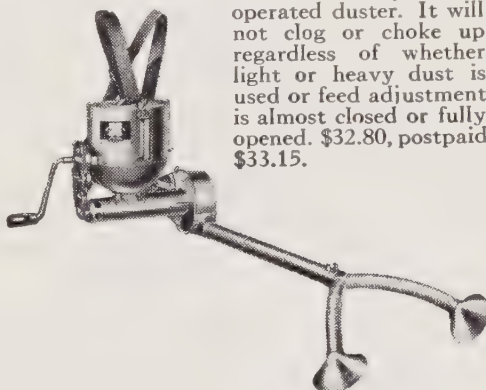
Gardex Hand Plow

No. 2006. For opening and covering furrows, hilling corn, potatoes, etc., making irrigation ditches around gardens and for bulb-planting. With one easy trip across your garden pulling the Plow behind you, you have a clean, open furrow, ready



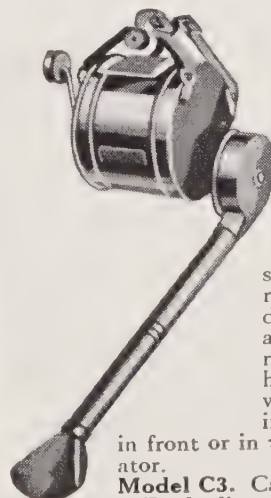
for planting. Easy to hill your plants in one-fifth of the time and without damaging the roots. 6 in. wide; 5-ft. handle. \$2.10, postpaid \$2.33.

No. 806. Roto Power Duster. Guaranteed to turn more lightly, to deliver a greater volume of air at higher velocity and dust better than any crank-operated duster. It will not clog or choke up regardless of whether light or heavy dust is used or feed adjustment is almost closed or fully opened. \$32.80, postpaid \$33.15.



Root Traction Duster

Model T44. The new Root Two-Row Duster is the most practical, efficient, and economical Duster ever built for crops on small acreage. Saves time, dust, and money. Supplies a long-felt need for a Duster to replace the slow, laborious, crank-type machine. Takes the backache out of dusting. Traction powered; extremely easy to operate; produces a strong, steady stream of dust from nozzles adjustable to plants as high as 30 inches. Handles are adjustable to suit operator. Hopper capacity, up to 25 lbs., net weight 58 pounds. With rubber tires \$80.00.

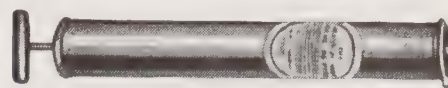


in front or in the rear of the operator.

Model C3. Capacity 7½ pounds. Feed adjustment 1 to 25 pounds per acre. Weight 15 pounds. \$22.20, postpaid \$22.45. Flexible Y tubes for dusting two rows included.

Root Challenge Duster

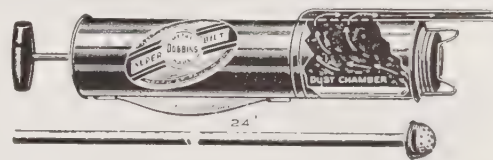
Provides a constant mechanical agitation. For most dusting it is necessary to open the feed opening only a small part of its range, but the additional capacity is available for those requiring extremely heavy dusting or with the slower-feeding dusts. Will dust



Root Dusters

Model P-1. Small, light-weight, durable garden Duster. The patented nozzle can be adjusted to dust underside of foliage as well as the top. This Duster gives strong, even distribution. \$1.65, postpaid \$1.80.

Model P-2. Jumbo. \$3.05, postpaid \$3.38.

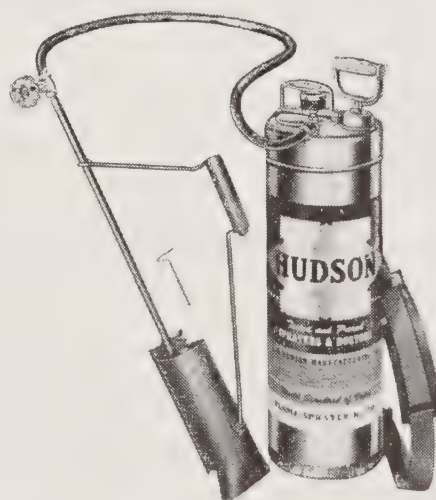


No. 132

No. 132. Equipped with 24-inch extension. \$1.50, postpaid \$1.65.



No. 2,4-D Sprayer. 3½-gallon copper tank with boom and cart. Used primarily on lawns to destroy weeds with 2,4-D. \$20.00, postpaid \$20.50.



No. 711. Flame Sprayer complete in two cartons. The fuel used is kerosene, gasoline, range-oil, stove-oil or light furnace-oil. Kerosene vapor and air are combined in the burner in correct proportion. Size of flame is easily controlled by a regulating valve. It is absolutely safe! Very economical to operate, as the average oil consumption is only 1 gallon per hour. \$22.50, postpaid \$23.25.

NEW HUDSON "Presto-Seal" COMPRESSION SPRAYER



No. 220G. Funnel top, cam lock. 2½-gal. galvanized tank; 10-in. pump; 3½-ft. discharge equipment. \$5.95, postpaid \$6.25.

No. 310G. Suited to heavy spraying jobs and will successfully spray any solution including heavy DDT or any other agricultural, commercial or industrial chemicals. Effective with cold-water paints, whitewash and slurries. \$12.00, postpaid \$12.35.

No. 335G. Capacity, 3½ gallons; open top for easy filling. \$10.00, postpaid \$10.35.

No. 210B. Copper tank. \$18.40, postpaid \$18.75.

No. 291G. Capacity, 3 gallons; funnel top. Tank copper riveted and sweat soldered. \$6.65, postpaid \$6.95.

No. 438. Compression sprayer, 3-quart capacity. Galvanized tank, all brass parts. \$3.00, postpaid \$3.25.

Arnold Garden Hose Sprayer

Acclaimed by amateur gardeners and garden clubs as the easiest to operate, and the most labor-saving spraying device they have ever used to control garden insects and plant diseases in the home garden.

Just insert cartridge, connect to garden hose, and turn on the faucet.

Arnold Garden Hose Sprayer. Chrome finish. \$4.50, postpaid \$4.85. With Adjustable Nozzle. \$5.50, postpaid \$5.85.

36-in. Straight Extension. Chrome finish. \$1.75, postpaid \$2.00.

Transparent Chamber and Coupling. \$2.00, postpaid \$2.12.

Coupling only. 75c, postpaid 80c.

Transparent Chamber Only. \$1.50, postpaid \$1.62.

Victory Sprayer (Plastic). 75c, postpaid 80c.

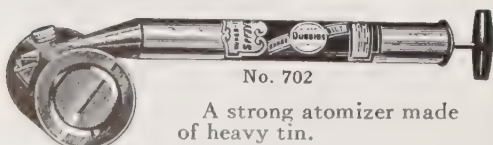
For Cartridges see page 42.



**Jake
Sprayer**

No. 50G. A very efficient hand Sprayer. Has two nozzles as illustrated. Continuous. Tin pump and galvanized iron container. \$1.25, postpaid \$1.40.

No. 50B. Brass pump and container. \$2.40, postpaid \$2.55.

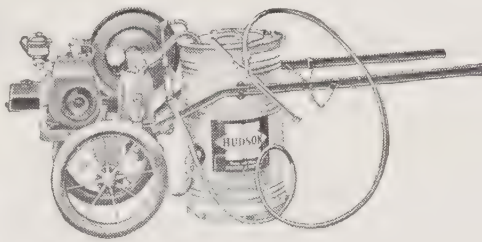


No. 702

A strong atomizer made
of heavy tin.

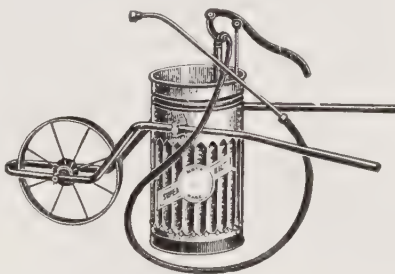
No. 702. Quart size, 50c, postpaid 65c.

No. 710. 10-oz. size, 40c, postpaid 52c.



No. 1544. 15-gal. tank, 2 g.p.m. discharge at normal operating pressure of 250 lbs. 1½ h.p. Lausen 4-cycle air-cooled gasoline engine with guarded belt drive. Semi-pneumatic-tired 16 x 2 wheel. Furnished with 15 ft. ¾-in. oil and chemical proof; and No. 3030 single-nozzle adjustable spray gun. \$180.00.

Myers No. 45032-E.R. 12½ Silver Prince. Portable ¾ h.p. wheelbarrow-type engine-powered sprayer, rubber tired. Pressure 225 lbs.; capacity 12½ gals. 15 ft. ¾-in. hose; weight 192 lbs. \$200.00.



HUDSON SUNSHINE PORTO SPRAYER

No. 3603. An efficient portable spraying outfit for all kinds of spraying in the field, orchard, and garden, also for spraying whitewash, cold-water paints, and disinfectants. Capacity 15 gallons. Equipped with 6 feet of ¾-inch high-pressure spray hose, automatic shut-off, and 2½-foot steel extension. Shipping weight 50 pounds. \$25.00.

No. 3703. Like above with pressure tank. 250 lbs. \$38.25.

KEN SPRAYALL SPRAYER

The all-purpose, double-action continuous sprayer; finger-tip adjustment control, easy to operate. No tank to clean; to be used with a bucket. \$7.95, postpaid \$8.15.

Dobbin Spray Pump Accessories

Will Fit Most Sprayers.



No. 93

No. 71-T

No. 90A. Swivel Nozzle, no spray cap. Permit spraying in any direction. \$1.15, postpaid \$1.20.

No. 59N. Straight Nozzle Cap. 60c, postpaid 65c.

No. 71-T. Automatic Nozzle. \$1.75, postpaid \$1.85.

No. 84T. Automatic Nozzle with hose, coil spring, and clamp. \$2.20, postpaid \$2.35.

No. 93. Bordeaux Nozzle. \$1.20, postpaid \$1.25.

No. 74A. 2-ft. Brass Extension. Straight. 80c, postpaid 92c.

No. 74C. Curved. 80c, postpaid 92c.

No. 92. Vermorel Nozzle. All brass. \$1.30, postpaid \$1.35.

No. B56. Y fitting for two spray nozzles; spray interlocks slightly and gives wide coverage. \$1.20, postpaid \$1.25.

Spray Hose. ¾-in., 200-lb. pressure, 25c per ft.; ½-in., 200-lb. pressure, 25c per ft.; ½-in., 800-lb. pressure, 40c per ft., postpaid.

½-in. Clamps. 5c each, 50c per doz.

½-in. Hose Couplings. 70c per pair.

PARAGON SPRAYERS

*For Spraying Whitewash, Water Paint,
Insecticide. No Straining of Materials;
Cleans Automatically*

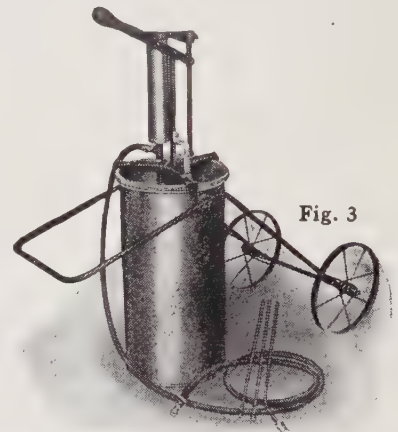


Fig. 3

No. 2. (6 gal.) Equipped with Air Gauge and 10-ft. hose, 5-ft. Spray Pipe, 3 Nozzles. 2-wheel steel truck \$30.00; without truck \$25.25.

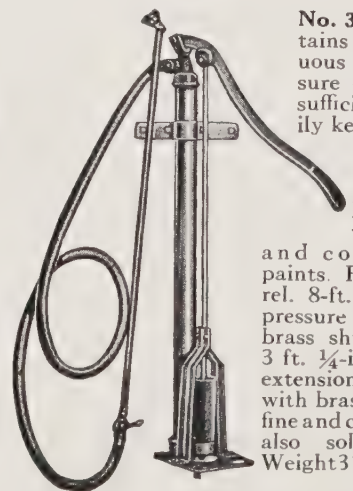
No. 3. (12 gal.) Equipment furnished: 10-ft. Special Spray Hose; 7½-ft. Spray Pipe, total reach 17½ ft. Shut-off Valve; 3 Spray Nozzles. Complete with 2-wheel truck, \$30.00, without truck \$25.25. Fig. 3.

No. 4. (28 gal.) Equipment furnished: 20-ft. Special Spray Hose; 10-ft. Spray Pipe; Shut-off Valve; 3 Spray Nozzles and barrel, on wheels. Complete \$49.75.

No. 5 (50 gal.) 25-ft. Hose, 10-ft. Extension Pipe, one three-way and one single Spray Nozzle and barrel on wheels. \$57.75.

Air Gauge for any of the 3 Sprayers, \$3.50.

Barrel Spray Pump



No. 3160. Maintains a continuous high pressure of 200 lbs., sufficient to easily keep two lines of hose in operation continuously. Will spray whitewash and cold-water paints. Fits any barrel. 8-ft. ½-in. high-pressure hose; ¼-in. brass shut-off cock; 3 ft. ¼-in. iron pipe extension, equipped with brass nozzle for fine and coarse spray, also solid stream. Weight 31 lbs. \$17.20.

Niagara Spraying Materials, which are most reliable, are listed on page 42

ALL PRICES SUBJECT TO MARKET CHANGES

LAWN SPRINKLERS, GARDEN HOSE, AND BEETLE TRAPS



No. 3

Japanese Beetle Traps

- No. 3.** \$1.00, postpaid \$1.15.
Iron Stand. 35c, postpaid 52c.
Perforated Cages. Cap. 1½ qts. 40c, postpaid 52c.
Complete Ellis Co. Trap with 4 oz. Bait. \$2.15, postpaid \$2.40.
G. & O. Trap with Bait. 85c, postpaid 97c.
Perforated Containers. 25c, postpaid 37c.
Iron Stand. 35c, ppd. 50c. Complete G. & O. Trap \$1.45, ppd. \$1.70. For Bait see page 42.

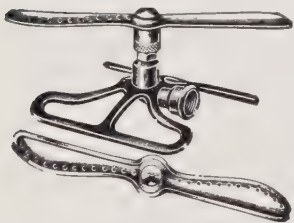
Soil-Soaker



Puts water where you want it—all soaks to the roots. Made of mildew-resistant canvas; one end screws to water-hose, other end closed. No waste on walks or driveways.

			Ppd.
No. 0.	12-ft.	\$1 65	\$1 77
No. 1.	18-ft.	2 20	2 32
No. 2.	30-ft.	3 40	3 52
No. 3.	50-ft.	5 50	5 65

Aero Mist Sprinkler



The Aero Mist has a brass top and cast iron base, and is of modern and artistic design. It will not tip when moved about by the hose when the

sprinkler is in operation. The spray is mist-like in texture and covers a large area. Can be operated on any kind of pressure without adjustment. \$1.50, postpaid \$1.65.

Skinner Roto-Spray Sprinkler

A slow-motion, revolving sprinkler. All brass, simple, efficient, uniform watering. Main nozzle delivers long-throw finely broken stream. Secondary nozzle for watering inner area, also provides adjustable driving power. Ideal for greens and tees. Covers a 75-foot circle. \$15.25 complete.

Fountain Sprinklers

Made of heavy brass. \$1.25, postpaid \$1.32.
Half-Circle Sprinkler. \$1.00, postpaid \$1.12.
Belfont Sprinkler. Makes a gentle rain. Made of aluminum and brass, covers 27-ft. diameter; no wash or puddles. 50c, postpaid 62c.

Double Rotary Sprinkler

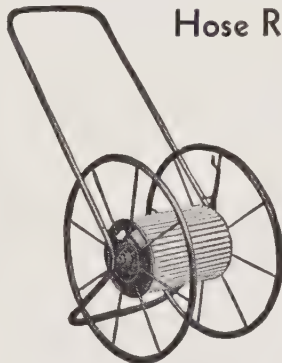
Used by golf courses, parks, cemeteries, institutions, and large estates.



It sprinkles uniformly any circular area up to 80 feet in diameter—more than 5000 square feet. Easily adjusted to cover areas down to 15 feet in diameter.

Model H.\$13 50
Junior.9 00
 If to be sent postpaid, add 40c each

Hose Reels



- Blue Bird.** All steel. Capacity 75 ft. \$3.25.
B No. 10 Tubular Hose Reel. Capacity 100 ft. \$5.00.
B No. 30. Like above for heavy duty. Capacity up to 300 ft. ¾-in. hose. \$18.00.
 Hose Reels not available.

Real - Reel. The only portable Reel permitting water to run through the reeled-up hose. Saves time and work; holds 150 ft. of hose. \$14.95.

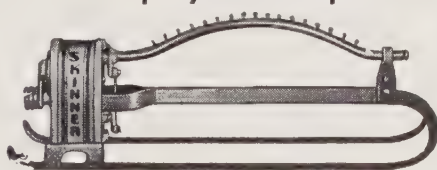
Eas-E-Go Nozzles, Couplings and Menders

Complete Coupling. \$1.00, postpaid \$1.12.
Connector, Male and Female. 85c, postpaid 97c.
The above for standard ½-in. hose.
Adjusto-Spray. Nozzle and Lawn Sprinkler combined. Takes the place of watering cans. \$1.39. For postage add 15c to each.

Accessories

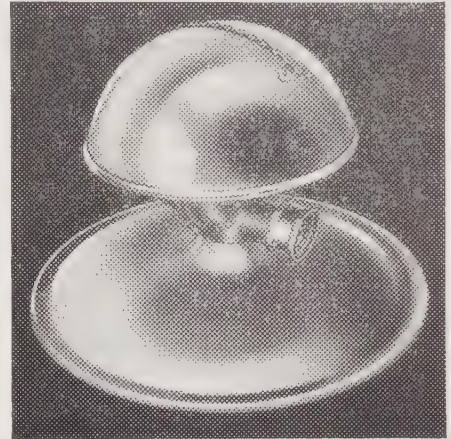
Rapid Hose Mender. 15c, postpaid 18c.
Rapid Hose Coupler. No bands required. 25c per pair, postpaid 30c.
Hose Bands. For ¾-, ½-, ¼-in. hose. 5c each; 50c per doz., postpaid 55c.
Hose Washers. 10c per doz., postpaid 12c.
Hose Nozzle. All brass. 75c, ppd. 87c.
Hose Nozzle, Gold Label. \$1.10, postpaid \$1.22.
Senior Hose Nozzle. 50c, postpaid 60c.
Junior Hose Nozzle. 35c, postpaid 45c.
Rose Nozzle. 4-in. brass. \$1.00, postpaid \$1.07.
BRECO WATER HOSE COUPLING. Snap on and off faucet in a second. Complete \$1.00, postpaid \$1.05. Extra faucet plug 25c, postpaid 27c.

Skinner Spray Wave Sprinkler



A huge fan of fine sprays swings back and forth covering 40 x 50 ft. Adjustable swing. Weight 10 lbs. Uses 5 gallons per minute. Operates on ordinary city pressures. \$18.95, postpaid \$19.28.

Stampco Lawn Sprinkler #601



For the first time a dependable oscillating type lawn sprinkler that everyone can afford; unique spraying action, covers area from 10 x 10 to 40 x 40 ft. Price \$7.50, postpaid \$7.70.

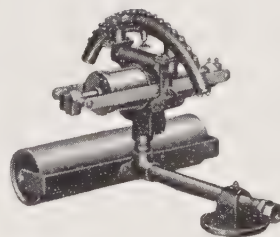
Skinner Utility Sprinkler

Simple, foolproof slow motion revolving Sprinkler. Operates by repeated impact of swinging arm, actuated by water issuing from secondary nozzle. An effective, dependable and positive Sprinkler.

Catalog Number	Main Nozzle	Pressure Lbs.	Diameter Coverage	Gallons Per Min.
SA ¾"	5/8"	20-35	75-85	6-7.5
	5/16"	25-45	82-97	8-10.5

Price—Head Only.....\$7 75
 On Gal. Skid Base.....11 75
 On Roller Base.....13 75

The Rain Wave



Big brother to Spray Wave. Covers slightly larger area. 50 x 50 ft. to 60 x 60 ft. Suitable also for hoseless irrigation systems. Wt. 19 lbs. Uses 5 gallons per minute. Operates on usual city pressures. Available as a complete unit, or head only mounted on a special coupler for hoseless irrigation. \$42.50.

Garden Hose

Surprise. ½-in. high-grade rubber Hose. Flat corrugation. Green; 2 braid. 25 ft. coupled, \$4.75; 50 ft. \$8.50.
Phildel. ½-in. medium grade. Heavy ribbed corrugation. 1 braid; red. 25 ft. coupled, \$4.00; 50 ft. \$7.00.
Quaker. ¾-in. green. Heavy duty for greenhouse and golf courses. 25 ft. coupled, \$7.50; 50 ft., coupled, \$14.00.

Sandee Feather-Lite Co-Polymer Garden Hose

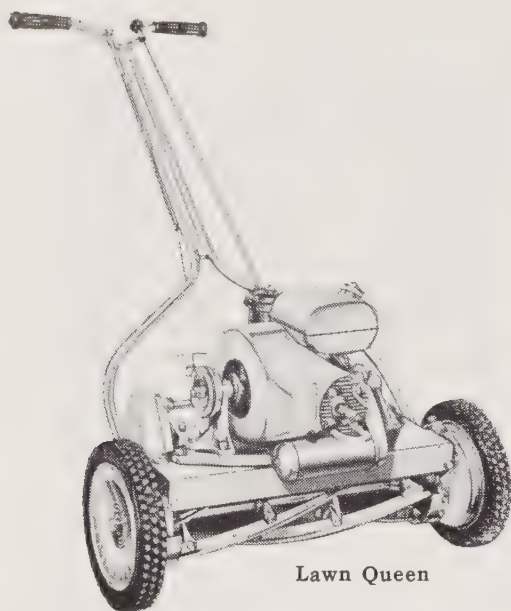
Amazing light weight—approximately one-third that of ordinary hose.

Extremely high bursting strength of 375 to 450 p.s.i. at room temperature. Will not balloon and burst when left exposed to the sun with full, normal water pressure.

Freezing to 25° below zero will not injure this hose, even when it is filled with water.

Will not crack or peel, soften or rot when exposed to the sun, oil or grease. Two colors: Grass-Green and Cardinal-Red. 25 ft. \$5.50, 50 ft. \$9.95, ¾-in. for cemeteries, etc. 50 ft. green \$22.50.

HAND AND POWER MOWERS



Lawn Queen

JACOBSEN POWER MOWERS

WHEEL-DRIVEN TYPE BANTAM. Just the size required on lawns where the weekly mowing job becomes a burden. 20-in. cut, \$114.25.

LAWN QUEEN. Widely used commercially as well as on residential lawns. Capacity 2½ acres per day. 20-in. cut, \$133.50; 22-in. cut, \$143.50.

LAWN KING. Expressly designed to give utmost satisfaction on larger lawns. Capacity up to 5 acres per day. 26-in. cut, \$280.25.

ROLLER-DRIVEN TYPE ESTATE MOWER. Two traction rollers. Capacity up to 5 acres per day. \$280.00.

ESTATE FULL ROLLER MOWER. Has solid roller in place of two traction rollers. \$300.75.

PARK 30. Replaces the Four-Acre, which has been discontinued. Equipped with 3 H.P. engine, 5 blades, all-steel reel. Capacity up to 7 acres per day. \$412.00.

Accessories for Park 30 Mower

Trail Mowers. Two 20-in. Units and Trail-Rite Sulky.....\$136 95
Standard Riding Sulky..... 48 50
Grass Catcher..... 18 00
Snow Plow..... 52 00

RIDING SULKY for Lawn King and roller type mower. \$48.50.

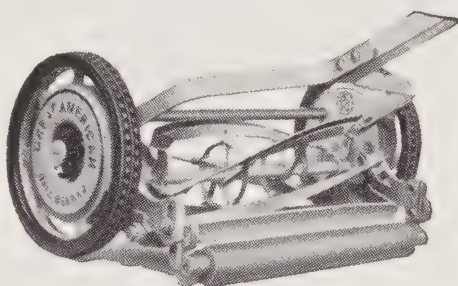


Jacobsen All Steel Hand Mower

JACOBSEN ALL STEEL Hand Mowers. Long-wearing and easy-running Mowers. Rubber tires; 5 blades.
16-in., \$29.50.
18-in., \$30.50.

Illustrated circular on request.

PENNSYLVANIA HAND MOWERS



GREAT AMERICAN. 15-in. cut; 10-in. R.T. wheel; 5 blades, \$25.75.

17-in. cut; 10-in. R.T. wheel; 5 blades, \$27.50.

19-in. cut; 10-in. R.T. wheel; 5 blades, \$30.00.

PENNSYLVANIA, JR. For precision; sturdily constructed and finely machined parts. 17-in. cut; 10-in. R.T. wheel; 5 blades. \$34.95.

PENNALAWN. 16-in. cut; 10-in. R. T. wheel. \$18.00.

PENNSYLVANIA TRIMMER AND EDGER. Saves time and labor for the gardener. 6-in. cut, \$19.95.

PENNSYLVANIA FAIRWAY MOWER. Trio of 3 units with frame and traction hitch. 7-ft. cut. Rubber tires. \$770.00. To operate by tractor.

GRASS CATCHERS

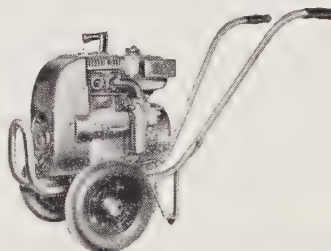
No. 11131. Canvas Bottom. 12 to 16-in. mower, \$1.50, postpaid \$1.70.

No. HS.222S. Metal bottom. 16 to 18-in. mower, \$2.00, postpaid \$2.20.

No. PR 232-2. Power Mower Grass Catcher. White duck sides, sturdy wire frame, heavy aluminum bottom. Fits mowers from 18 to 24-inch. \$3.00, postpaid \$3.25.

JACOBSEN POWER MOWER SNOW PLOW ATTACHMENT. For Park 30 Mower, \$52.00; for Lawn King Mower, \$45.00; for Estate Mower, \$40.00. Prices F. O. B. factory.

LAWN SWEEPERS. See page 56.



ONAN PORTABLE ELECTRIC PLANT

Model O7AH-1M. Used for generating current to operate one or two Stanley Trimmers. \$259 00; Dolly \$37.50.

GWYNN MOWER

An amazing new rotary Power Mower. Cuts grass of any height in any place. Easily handled. 24-in. rotary cut, \$175.00.



Worthington Standard Rotary Disc Power Mowers

Mows the finest lawns, terraces, hilly terrain. Cuts within 2 inches of any obstacle. Designed for close work around trees, flower beds, headstones, benches. Excellent for mowing under shrubbery.

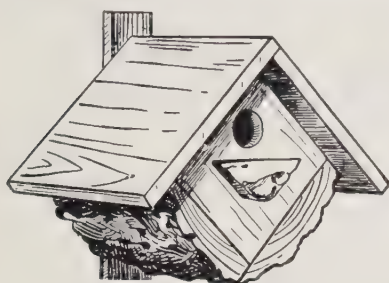
Model 20-A. 20-in. Power Pro-pelled.....\$159 50
Model No. 1. 25-in..... 425 00
Model No. 2 A. 31-in..... 450 00
Model No. 3. 37-in..... 495 00
Model No. 4. 48-in..... 530 00



STANLEY ELECTRIC TRIMMER

No. 199. Grassshear used to trim around trees, shrubs and flower beds. It operates on 110 volts, A.C. or D.C. current. Consists of 1 Grassshear, 1 extra set of brushes, 1 box of blades. \$66.50. Extra equipment, 50 ft., 100 ft. or 150 ft. cord with connections, \$8.85, \$12.65 and \$16.50, respectively.

SERVICE DEPARTMENT. Our Service Department is thoroughly equipped with the most modern machinery to give prompt and efficient service by our skilled mechanics. We repair, sharpen, or adjust any model Power or Hand Mower. All work called for and delivered. Get our estimates on your requirements.



Wren House No. 31

Rustic Bird-Houses and Feeders WREN HOUSES

No. 1. Intended to be hung from the branch of a tree. The roof is fastened with screws so that the house may be opened for cleaning. Length: 8 inches. \$2.70, postpaid \$2.85.

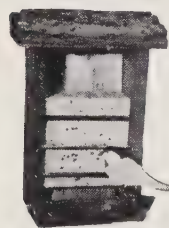
No. 35. A neat home of cypress and roofing material. May be hung any place. For cleaning simply loosen the two screws which hold the bottom strip. Length: 8 inches. \$1.15, postpaid \$1.27.

No. 31. Rustic hemlock. Fasten to tree, arbor, etc. Side removable for cleaning. Size: 8 inches. \$2.25, postpaid \$2.40.

HOUSES FOR BLUEBIRDS, SWALLOWS, ETC.

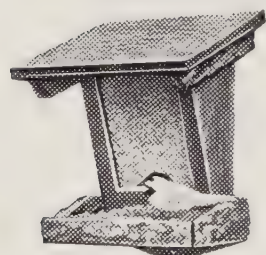
No. 7. May be mounted on pole or hung from tree. Hinged side. Height: 10½ inches. \$3.15, postpaid \$3.30.

No. 4. Made of winter-cut hemlock. This style is intended to be fastened against the trunk of a tree. The roof may be removed for cleaning. Height: 10 inches. \$3.50, postpaid \$3.65.



No. 101

No. 110. Combination Shelter. In the winter it serves as a feeding station, in summer as a nesting-shelter for robins. The suet basket is removable. Trimmed with rustic hemlock. Size: 10 inches. \$3.30, postpaid \$3.45.



No. 104

No. 8. Chickadees, Nut-hatches. A home for such birds as chickadees, titmice, and nut-hatches. The roof, front, and sides are of winter-cut hemlock. The front is removable for cleaning. Height: 13 inches. \$3.50, postpaid \$3.65.



No. 755

No. 755. Clearveu Feeder. Easily filled, ample capacity, to hang, or put on pole. \$3.00, postpaid \$3.20.

Seed Feeders. No. 104. \$3.50, postpaid \$3.65. **No. 116.** \$1.30, postpaid \$1.42.

Window Feeders. No. 124. Glass Top. For attaching to sill. \$4.75, postpaid \$5.00.

Chickadee Diner for clinging birds, filled. No. C.D.A. \$1.35, postpaid \$1.50.

Community Diner for clinging and perching birds. No. C.D.D. \$1.65, postpaid \$1.80.

Chickadee Tidbits. C.T. 24. Refills. Box of 24. \$1.25, postpaid \$1.37.

Bishop Wild Bird Cake. Consisting of suet, seeds and berries. Each 45c, postpaid 57c; doz. \$4.75, postpaid \$5.00.

Suet and Bird Cake Basket. No. 114. 65c, postpaid 70c.

Suet and Bird Cake Rack. No. 101. Made of wood. Protects food from weather. \$1.45, postpaid \$1.57.

M.-S. Mixture Wild Bird Food. This food is composed of many kinds of seeds, grains and nuts, relished by wild birds. Lb. 15c.

Sunflower Seed. Lb. 25c.

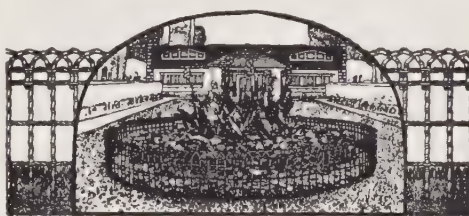


No. C.D.A.

All feeds subject to market change; if to be sent postpaid, add postage.

Wall Nails

For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall. Box of 25 assorted sizes. 75c, postpaid 87c.



Flower-Bed Guard

Fits any shape or size of flower-bed. No posts required. Cut to any length. Bottom of pickets left straight to be inserted in the ground. Made in 3 heights. Per lineal foot: 16-in., 10c; 22-in., 12c; 28-in., 14c. Not mailable.

Wire Trellis

Cut to any length; fits any porch. Furnished in 2 widths. Per lineal foot: 18-in., 12c; 24-in., 14c. Not mailable.



Shrubby Protector

TO KEEP
DOGS AWAY

Each Protector has 3 prongs spread out to protect 2½ lineal feet of shrubbery; inconspicuous and inexpensive. 30c each; \$3.00 per doz., postpaid \$3.12.

Hotbed Mats, Sash and Glass

Hotbed Mats. 76 x 84 in. covers 2 sash, \$5.50. Special prices in quantity. Express or Freight.

Hotbed Glass. Box of 90 panes, 8 x 10 in., \$5.50; less than box lots, 9c per pane. Price subject to change. Express or Freight.

Cel-O-Glass. See page 41.

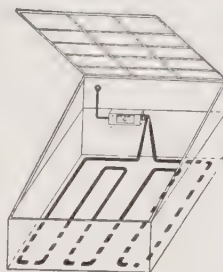
Hotbed Sash. \$5.00.

Peerless Glazing Points. The finest Glazing Points on the market. Box of 1000, \$1.00, postpaid \$1.10.

Turnbul Electric Water Heaters. Keeps water from freezing in the bird bath. \$4.00, postpaid \$4.12.

"GRO-QUICK" ELECTRIC SEED BED HEATER

Be a month ahead of neighboring gardens



For outdoor starting of plants. Enables you to transplant several weeks ahead of the regular planting season. Also for forcing early flowers and vegetables outdoors. Outdoor-started plants excel in vigor and thrifty growth, and they transplant with minimum shock.

Senior Size. Complete with thermostat and 80 ft. of 400-watt heating cable, sufficient for two 3 x 6 hotbeds. \$9.00, postpaid \$9.15.

Junior Size. Complete with thermostat and 40 ft. of 200-watt heating cable, sufficient for one 3 x 6 hotbed. \$6.75, postpaid \$6.87.

Thermostat. Only 1000 watt, 115 volt. \$4.50, postpaid \$4.62.

Senior Cable. Only 80 ft. \$4.50, postpaid \$4.65.

Junior Cable. Only 40 ft. \$2.25, postpaid \$2.32.

DAIRY SUPPLIES

Bag Balm

For all diseases of the cow's udder and teats. 75c, postpaid 80c.



Kow-Kare

The great cow tonic and conditioner. 75c, postpaid 87c; 2¼ lbs. \$1.35, postpaid \$1.52.

Bag Balm Dilators

For injured teats, hard milkers, etc. 75c, postpaid 85c.

Kees Calf and Cow Weaners

No. 525. Calf-size. 50c, postpaid 55c.

No. 526. Cow-size. 60c, postpaid 65c.

Butter Churns

No. 1 Cylinder Churn. Capacity 3 gallons. \$6.00, postpaid \$6.75.

Bull and Hog Rings

Hog Rings. To prevent rooting. Made of copper. 100 rings. 30c, postpaid 35c.

Hog Ringer. 40c, postpaid 50c.

Bull Rings. Polished copper. Heavy ¾-in. copper. 3 in. in diam. 50c, postpaid 55c.

Bull Rings (Cannon Ball). Heavy ¾-in. bronze. \$1.50, postpaid \$1.55.

Thermometers

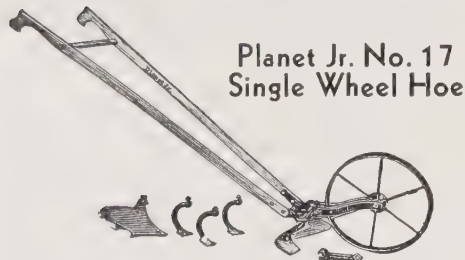
Dairy Thermometer. No. 5715. Floating. 90c, postpaid \$1.12.

Household Thermometer. No. 5140. 90c, postpaid \$1.12.

Self-regulating Hothouse Thermometer. No. 5448. Economical. \$10.00, postpaid \$10.15.

Brooder and Incubator Thermometers. See page 59.

PLANET JR. FARM & GARDEN TOOLS



Planet Jr. No. 17
Single Wheel Hoe

The Planet Jr. No. 17 is the most popular cultivator for home gardeners as it includes all the necessary equipment as illustrated above. Weight 22 pounds. \$11.95.

No. 18. Single Wheel, hoes only. \$9.25.

No. 12. Double and Single Wheel. (Fig. 2). 4 cultivator teeth, 2 plows, 2 hoes and 2 leaf lifters. \$17.25.

No. 13. Double Wheel, hoes only. \$13.25.

Wheel Hoe Repairs

S100/S101. 3 or 4½-in. Hoe. \$1.60 per pr.

S100/S101. 6-in. Hoe. \$1.60 per pr.

No. R6. Plow for Single Wheel Hoe. \$1.55.

No. 1704. Plow without landside. 55c.

No. 1395. Cultivator Teeth for Hand Hoe. 50c each.

No. 7563X. Five-Prong Weeder. \$2.00.
Postpaid, add 12c to each

Garbage Pails

Standard Pails with heavy cover locking bail. Deep close-fitting cover with wire beaded edge. Has comfortable welded handle and ventilating hole. Deep foot raises bottom off ground. Bottom double seamed into body.

No. 110. 14 x 18 in. Capacity 10 gals. \$2.25, postpaid \$2.56.

No. 120. Capacity 20 gals. \$3.45, postpaid \$3.86.



The Planet Jr. Tractor

For a really low-cost all-round gardening outfit, the Planet Jr. Tractor can save you untold hours of time and work and will pay for itself many times over. Light in weight, exceedingly simple to operate.

An efficient motor furnishes an astonishing amount of power for cultivating, plowing, harrowing, lawn-mowing and field-mowing.

Send for complete catalog showing the Planet Jr. Tractor and all attachments.

BP-1. (1½ H.P.) Tractor with 4.00 x 12 Rubber Tires. \$169.50.

B-8. (2½ H.P.) Tractor with 5.00 x 12 Rubber Tires. \$198.50.

B-12. Cultivator for B-8. \$32.50.

B-13. Cultivator for BP-1. \$24.50.

B-21. Plow with Coulter. Fits either tractor. \$36.50.

AB-34. One Row Seeder. Fits either tractor. \$38.25.

AB-56. Field Mower. Fits either tractor. \$76.50.

B-51. Power Lawn Mower. Fits either tractor. \$89.50.

B-40. Snow Plow and Grader. Fits either tractor. \$31.50.

B-50. Trailer Cart and Riding Attachment. Fits either tractor. \$114.00.

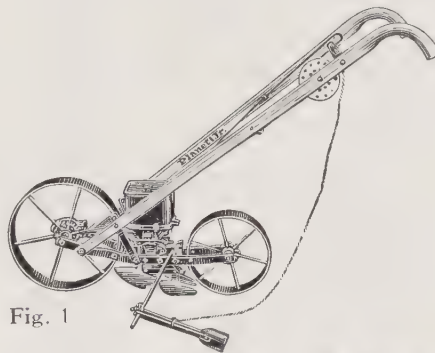
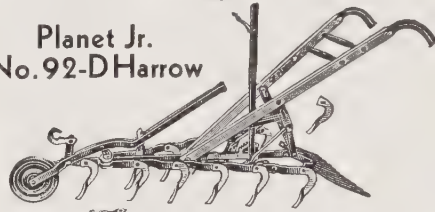


Fig. 1

Planet Jr.
No. 92-D Harrow



Has a plain expander, no pulverizer and no wheel, although they can be added at any time. \$16.25.

No. 90D. Less pulverizer and wheel but has lever expander. \$18.25.

PLANET JR. CULTIVATOR ACCESSORIES

Cultivator Steels

No. 1156.	1¼ x 8 in.	\$0 28
No. 2367.	1¾ x 8 in.	29
No. 2368.	2¼ x 8 in.	34
No. 2369.	3 x 8 in.	42
No. 2370.	4 x 8 in.	52
No. 8764.	1¼ x 10 in.	34
No. 8765.	1¾ x 10 in.	35
No. 8767.	3 x 10 in.	49
No. 8768.	4 x 10 in.	56

Bolts for all Steels, 5c each.

Shovel Steels

No. 2539.	7-in.	55
No. 2540.	8-in.	65

Sweeps

No. 1614.	6 in.	55
No. 1169.	8 in.	65
No. 1170.	10 in.	70
No. 1171.	12 in.	85
No. 1172.	15 in.	1 10
No. 3148.	18 in.	1 40

Half Sweeps

No. 4903/4.	6 in.	Pair \$1 10
No. 3583/4.	8 in.	1 25
No. 3585/6.	9½ in.	1 40

Turn Shovels

No. 3580/1.	6 in.	\$1 20
No. 3824/5.	7 in.	1 55

Hillers

No. 1167/8.	6 in.	\$1 85
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Horse Hoe Roller. \$7.50

Wood Handles. \$2 75

Trace Chains and Plow Lines

Trace Chains. 7-ft. straight link, \$1.25.

Postage, 40c extra.

Tieout Chains. 30 ft. \$1.45, postpaid \$1.85.

Plow Lines. Cotton. 14 yds. \$1.25, postpaid \$1.37.

Seeders and Distributors

No. 300A. Drill Seeder. (Fig. 1)....\$30 25

No. 4. Seeder and Cultivator.... 27 95

No. 4D. Plain Seeder 22 35

No. 220. Fertilizer Distributor.... 41 75

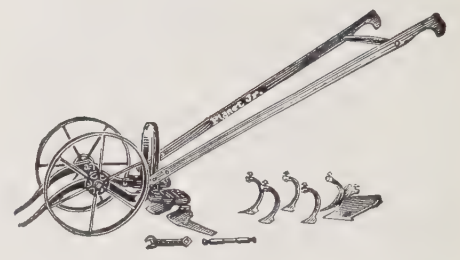


Fig. 2

Planet Jr.
Horse Hoes and
Cultivators



No. 4D. Horse Hoe, no wheel.....\$18 25

No. 9D. Horse Hoe, no wheel..... 21 95

No. 100D. Cultivator, no wheel..... 13 25

No. 9D. Cultivator, no wheel..... 18 75

No. 4D. Cultivator, no wheel..... 15 25

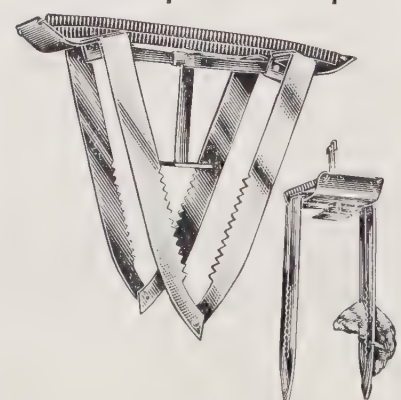
No. 101D. Cultivator, no wheel..... 15 25



High Wheel
Cultivator

No. 850. Complete with plow, double-pointed shovel and five-prong cultivator as shown. \$6.50.

E-Z Trip Mole Trap

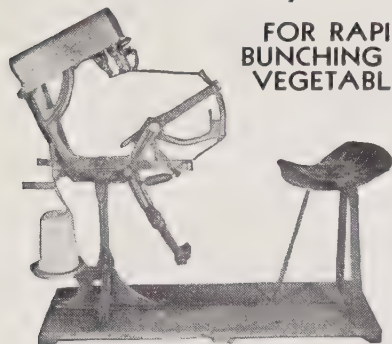


This easy-to-set Mole Trap will get the Moles every time. \$1.80, postpaid \$2.00.

No. 205. Little Giant Reddick Mole Trap.

One-piece handle, rugged frame, steel coiled spring, self-setting; non-clogging needle-sharp tines. Sturdy construction. \$1.50, postpaid \$1.67.

Felins Bunch Tyer

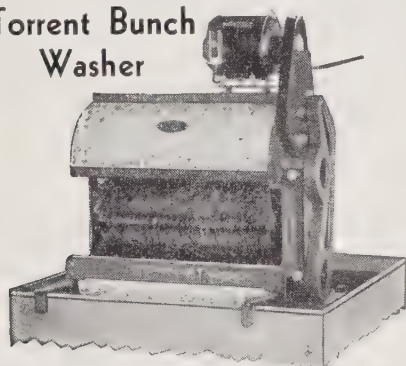


**FOR RAPID
BUNCHING OF
VEGETABLES**

The Standard will tie 1200 bunches in an hour and uses 6 or 8-ply cotton twine and No. 13 braid. The Electric will tie with 1/4-in. tape as well as 6 to 16-ply cotton twine up to 2000 bunches an hour.

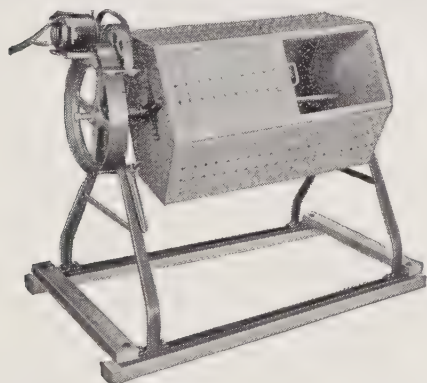
Ball-bearing, foot operated. \$86.65.
Ball-bearing, electric. \$174.25.

Torrent Bunch Washer



No running water is required. Place in present tank or tub; plug into light socket (save the cost of special wiring). Fill tub with water and it's ready to wash 200 dozen bunches in an hour. \$161.75.

Root-Crop Washer



No extra wiring. Simply plug into light socket. Consumes the electricity a light bulb uses and less than 18 gallons of water for a loading. Easy to set aside when not in use. No tub to wash out—No rinsing—Rinses as it washes. 6 feet long, 3 feet wide. Capacity 10 bushels. Weight 350 lbs. \$202.15.

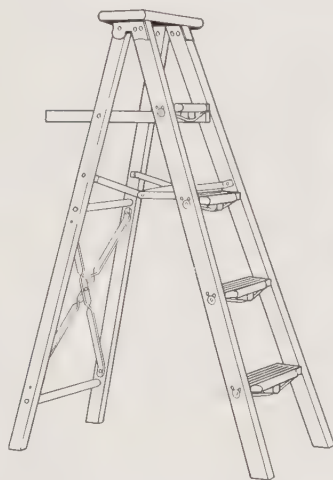
Corn Sheller No. 3

A high-quality one-hole Sheller. The hopper is adjustable and takes almost any size ear. It cleans the cob of all grains, deposits the corn from the center, throws the cob out at the end and separates the chaff from the grains with a sieve. Capacity 125 bushels per day. Weight 125 lbs. \$30.00.

W 1015. Hand Corn Sheller. Attach to box or barrel. \$5.00, postpaid \$5.41.

Hand Corn Planter

No. 925. This automatic Corn Planter is of a very popular pattern, adjustable gauge and seed drop. Operation automatic, accurate and easy. \$3.00, postpaid \$3.45.



Rich Durex Stepladders

Fully rodded non-slip steps, rounded cap, extra braced back, pressed steel ear, steel 4-arm lock, constructed of selected ladder stock. Made in lengths 4 to 10 ft. 90c per ft.

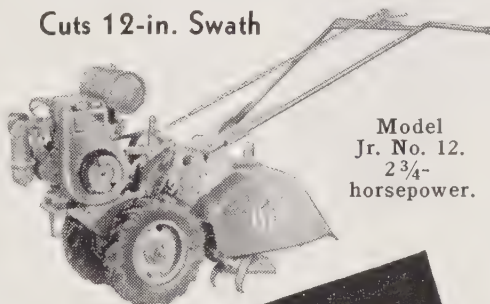


Rich Sampson Extension Ladders

This ladder is made of fine straight-grained wood with the additional fitting of rope and pulley for raising the elevating section. 20 to 40-ft. lengths. \$1.00 per ft.

Rotary Garden Tiller

Cuts 12-in. Swath



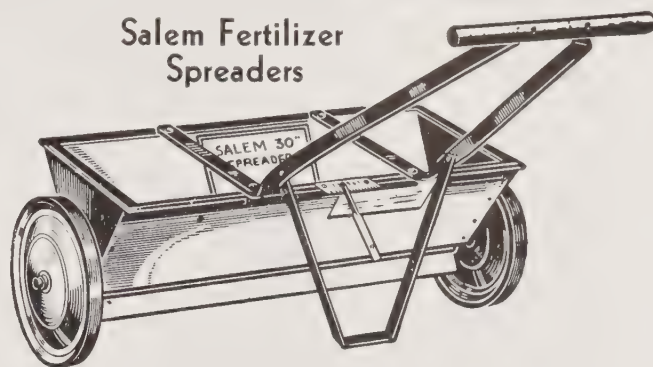
Model
Jr. No. 12.
2 3/4-
horsepower.



Saves time and labor, results in increased profits. Precision built. Sturdily constructed; designed to give long life. Easy to handle. (Send for circular.)

Jr. No. 12.	\$224 00
Extras	
Snow Plow	\$26 50
Lawn Mower Bracket	1 00
Sickle Bar	69 00
Furrower	9 00

Salem Fertilizer Spreaders



For Lawns, Gardens, Parks, Golf Courses, Cemeteries, etc.

A Size for Every Need—A Price for Every Purse

Salem Spreaders uniformly distribute all dry fertilizers, grass seed, top dressing, chemicals and other granular materials, and are well known for their accurate distribution and simplicity of operation.

All Models are equipped with Patented Automatic Shut-Off and Selective Feed Control. Just lift the handle and the flow of fertilizer stops.

Has six-gate control for accurate spreading of fertilizers, lawn seed, and other granular products.

Salem Heavy-Duty 36-in. Spreader

This Spreader is primarily for the use of landscape gardeners, and accordingly is heavily constructed to withstand the heaviest lawn, cemetery and golf-course work. It spreads fertilizer accurately and evenly and also any other type of granular material. This machine has a capacity of 125 pounds of fertilizer or other similar material. The wheels are 18 inches in diameter, with 2 1/2-inch tread. Weight of Spreader, crated for shipment, 80 lbs.; spreading width, 36 in.

The bigger the Spreader the quicker the job.

16-in.	\$7 50
20-in.	11 50
30-in.	17 50
36-in.	35 50

Salem Calcium Chloride Spreader

**For Distributing
Calcium Chloride, Lime, Arsenate of Lead
and Other Chemicals**

This all-purpose Spreader is of the same specifications and all-metal construction as the regular Salem Heavy-Duty 36-in. Spreader, except that the shaft running through the base of the hopper is equipped with prongs or tines which are driven through the material as the shaft turns, thereby insuring a continuous and uniform spread. 36-in., \$35.50.



**Handi-
Cart**

Handi-Cart. Sturdy sheet-metal body; solid steel axle; 10-in. disc wheels; rubber tires. Perfectly balanced; easy to handle.

18S. Capacity 2 cu. ft.	\$9 95
20D. Capacity 3 cu. ft.	11 75

SEED SOWERS

Thompson Clover and Grass Seeder

Sows 14 to 16 feet wide, any amount desired per acre.
Will sow 20 to 25 acres per day.



This Grass Seeder is simple, without gearing, cams, or intricate machinery. It cannot get out of order.
The combination Seeder handles both clover and grass seed.

Model 11. 12 ft. Single hopper, \$46.00.
14 ft. Single hopper, \$48.50.

Model 12. 14 ft. Double hopper, \$54.50.
16 ft. Double hopper, \$58.50.
Above Models chain feed.



Cahoon Seed Sower

Sows timothy, clover, oats, wheat, rye, etc. Fig. 8.
\$10.00, postpaid \$10.25.

Cyclone Seed Sower

Practical and all-round, first-class grain and grass seeder. \$3.75, postpaid \$3.90.

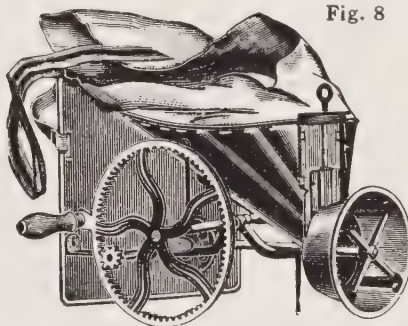
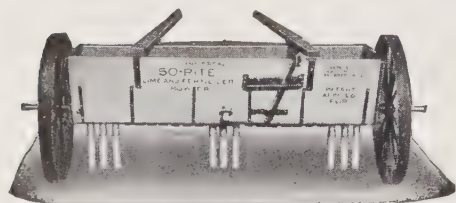


Fig. 8



You will love it - properly distributed seed goes twice as far - saves thinning. For peas to petunias. Cork of 6 1/2" x 1" plastic tube pivots in palm - tap gently. **SATISFACTION GUARANTEED.** Prepaid

"So-Rite" Universal Fertilizer and Lime Sowers



No Belts to Replace

As a Fertilizer Drill. Rubber spouts are attachable to any desired points 3 inches apart under the entire machine; adjustable to any width rows. Used as a 2-row, 3-row, or 4-row machine; remove by hand—no tools necessary. The quantity to be sown is obtained by adjustment of lever on back of machine.

As a Broadcaster. This So-Rite machine is perfect. Feed is regular and positive. Wheels are adjustable. *Specifications:* Wheels, 36 in. high. Tires, 3 in. wide. Capacity, Hopper, 400 to 700 lbs. Capacity per acre, 300 to 5000 lbs.

600 UI-9-1. 6 ft.; 1 horse; 9 spouts, \$75.30.
700 UI-9-1. 7 ft.; 1 horse; 9 spouts, \$92.93.
800 UI-9-1. 8 ft.; 1 horse; 9 spouts, \$99.73.
900 UI-9-2. 9 ft.; 2 horse; 9 spouts, \$107.20.

Allotments of steel, gray iron and malleable iron to the various manufacturers of steel products are still very much below their usual requirements. Farm and garden tools will therefore not be plentiful, and this condition will persist probably for some time to come.

Owens Plant Setter

Sets all kinds of plants, such as cabbage, tobacco, tomatoes, cauliflower, strawberries, sweet potatoes, sugar beets, etc. The water-valve is of brass with rubber packing. The valve-rod and trip spring are of steel wire; thumb button and other fittings are also of brass. The machine is well put together. \$5.25, postpaid \$5.70.



Rubberized Gloves

No. 4703. Will keep your hands warm and dry. Can be used in handling any kind of liquid, spray solutions, spraying, car washing, etc. Gives complete protection to the hands. Pair 80c, postpaid 95c.

Housekeeping Gloves. Ebonettes Improved Rubber. 40c, p.p. 50c.

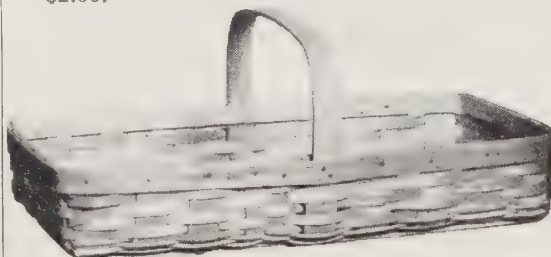
Other Gloves on page 45

Split Oak Baskets (Rope Handles)

Made from split oak with iron straps. Very strong and durable.

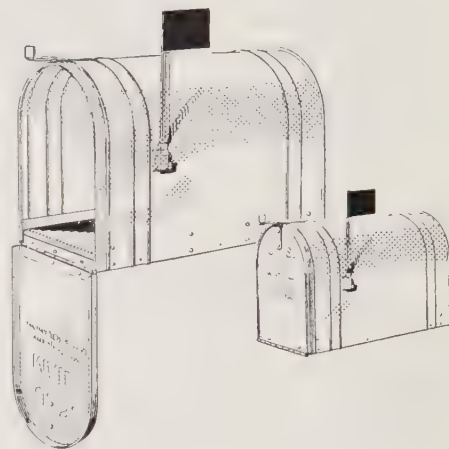
1-bus. size \$2 25
1 1/2-bus. size 2 50
2-bus. size 3 00
3-bus. size 4 00
5/8-bus. Picking Basket. No handle... 1 25

Gathering Baskets. For flowers and fruit. \$2.00.



Berry Boxes. \$1.75 per 100.

Supply and prices on Farm Tools very uncertain; write for information.

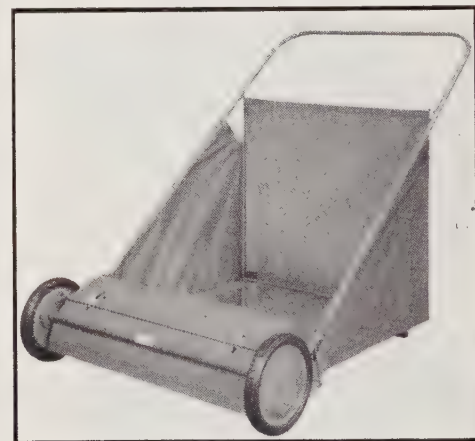


Rural Mail Boxes

These have been approved by the Postmaster General. Made of galvanized steel, painted aluminum; have drain in bottom. Signal device painted red. Box can be locked.

No. 2. 23 in. long, 11 in. wide, 13 in. high. \$9.00, postpaid \$9.50.

No. 1. 18 in. long, 6 in. wide, 8 in. high. \$3.50, postpaid \$3.75.



Dyna Sweep Lawn Sweeper

The modern way to clean and groom your lawn. The gentle whirling action of the sturdy brushes makes short work of leaves, grass clippings, paper and twigs on lawn, driveways and walks. **Model S-2.** 21-in. brush. Capacity 4 bus. \$29.95. **Model S-3.** 30-in. brush. Capacity 7 bus. \$41.95.

For other lawn equipment see page 52.

Horn Seeder

A Sectional Tube Style

These tubes fit into each other like a stove pipe (not like a telescope). **Has the Improved Brass Feed Gauge Patented.** Sows all small, smooth seeds, like alfalfa, clover, timothy, etc., any desired amount per acre. Easily operated; fully guaranteed. \$1.25, postpaid \$1.35.



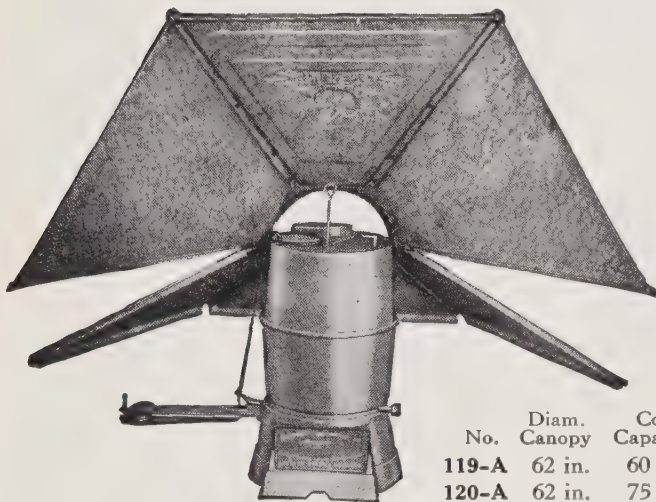
THE SECTIONAL TUBE STYLE

BUCKEYE BROODERS

THE WORLD'S BEST

WE CARRY A LINE OF INCUBATOR AND BROODER REPAIR PARTS

Ace-Coal Brooder

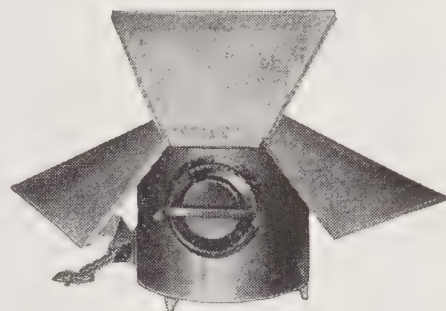


Over two decades ago the Buckeye Coal Brooder came into existence, and from that day on it has been the standard of comparison in Brooder Stoves everywhere. It was scientifically designed and especially built to raise more baby chicks with less work and less fuel—and does its job well.

The Buckeye Coal Brooder has been constantly improved and today it still holds its place as the leader. This Buckeye Coal Brooder saves time and work, is easy and economical to use, saves more chicks, increases poultry profits.

No.	Diam. Canopy	Coal Capacity	Height	Ship. Wt.	Price
119-A	62 in.	60 lbs.	25 1/4 in.	126 lbs....	\$42 00
120-A	62 in.	75 lbs.	29 in.	145 lbs....	45 50

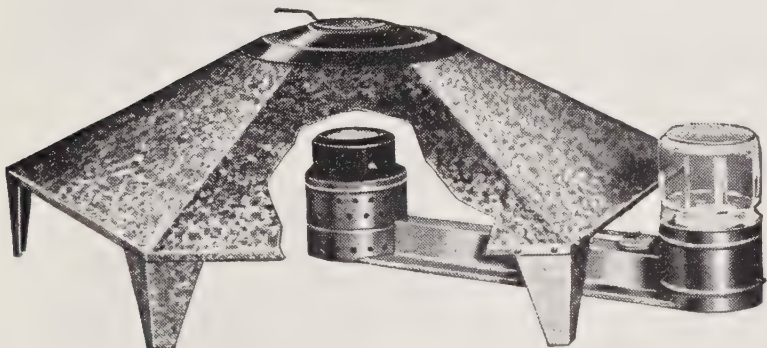
Buckeye Lumberjack



A modern wood-burning Colony Brooder, perfectly safe and dependable. Cannot over-heat; no danger of going out; sturdily built; requires but little attention. The drum is made of boiler plate and is airtight. The fire-door is instantly removable and locks itself airtight.

Model	Drum Size	Canopy Capacity	Chick Price
No. 41.	25 x 20 in.	62 in.	1000. \$35 00

Blue Flame Brooder



A good, sturdily built, automatically controlled Blue Flame Brooder with many outstanding features.

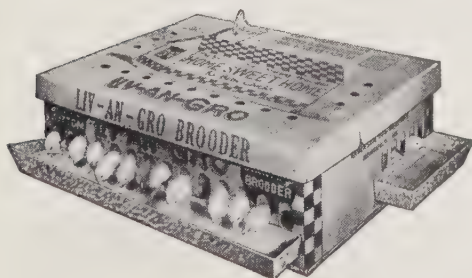
The automatic heat control is positive in action through efficient needle valve, operated by thermostatic brass wafer. Valve body is brass with small by-pass to allow sufficient flow to keep burner from going out.

Giant type burner produces an abundance of heat. Chimney is self-centering, eliminating smoky flames. Burner and oil reservoir rigidly mounted in metal housing. Burner always level. Flame always even on all sides. Can't get out of adjustment.

No. 357. 57-in. canopy \$22 50

Improved Liv-An-Gro Brooder

Save 95 per cent of your chicks



Metal feed pan and water trough with sanitary 1/2-inch mesh galvanized wire bottom, wire rods for holding wire bottom in place. Both cover and body are of extra heavy grade of corrugated board with desirable insulating properties. Adjustable guards at feed and water openings.

The electric heater consists of 6 feet of extension cord and one large metal circulation tube to hold electric bulb (bulb is not furnished). In winter, when the room temperature is 65 or 70 degrees, a 40-watt bulb is recommended. Capacity, 50 day-old chicks. \$3.95, postpaid \$4.10.

Oil-Combustion Brooders

Large blue steel combustion drum, double seamed, with corrugated top and bottom to increase radiation capacity. Outer drum detachable for cleaning. Offset gives larger brooding area. Flame spreader of cast iron fits over the burner and assures perfect combustion. A combination baffle and dust pan on the bottom provides circuitous air-passage for complete combustion. Spun glass kindling ring in burner insures quick starting, complete combustion, safe regulation of low flames, and prevents snuffing out. Heavy cast-iron well-type burner provides steady, even burning. Burns kerosene or 38-42 distillate.

No. 452-B. 52-in. hex. canopy. Capacity 300 to 500 chicks. \$32.00.

Electric Brooders

Automatically controlled and generously insulated. Assures highest success in brooding at lowest operating cost. Best of materials are used to make it one of the safest and most satisfactory Brooders.

Automatic, adjustable thermostat switch with 3-inch double filled wafer maintains even brooding temperature. Heavy-duty, metallic cable wiring is used and electric connections are enclosed in a special metal box to comply with safety regulations.

A natural circulation of air keeps conditions under Brooder just right; controlled by adjustable ventilator on top of Brooder.

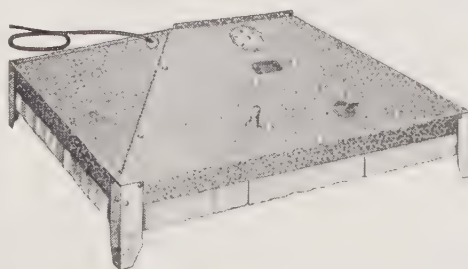
No. 60-F-49. Canopy 60 x 60 in. with electric fan. Capacity 500 chicks. \$53.30.

No. 52-F-49. Canopy 52 x 52 in. Equipped with electric fan. Capacity 375 chicks. \$50.50.

Battery Brooder

No. 403. Capacity, 100 day-old chicks. Automatic control, heat evenly distributed, easily adjusted, equipped with feed and water troughs. Width overall 32 1/2 in., length 40 3/4 in., height 11 1/2 in. Easily assembled. Shipping weight 33 lbs. \$16.00.

Cyclone Baby Electric Automatic Brooder



No. 175A. A strong, rigid, all-steel Brooder, 150-chick capacity. Equipped with thermostat, pilot bulb, thermometer, cord and socket. Operates on 110 volt, A.C. current. Size overall, 32 x 38 inches.

The very best controls and elements are used in this Brooder. They

offer perfect automatic control without trouble, and, naturally at great saving in current. Even temperature can be maintained. Shipping weight 30 lbs. \$16.00, freight or express.

BUCKEYE MODERN POULTRY EQUIPMENT

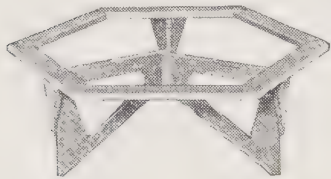
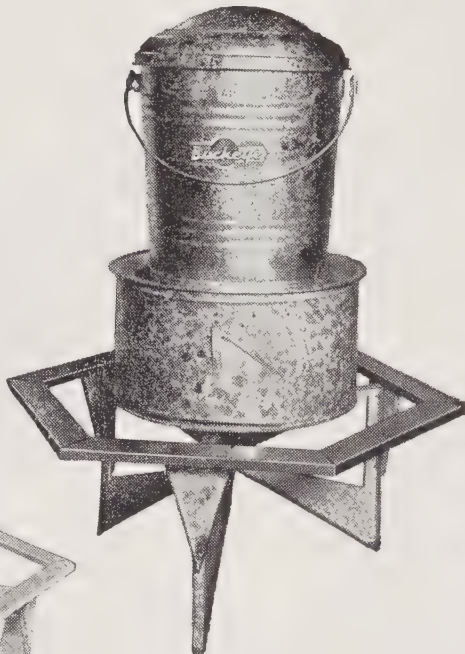
Buckeye Fountain, Heater and Stand

Includes base, lamp, and burner. The stand is also available as a separate item.

Special price for complete outfit.

No. 255-HS. 5-gal. fountain. \$11.00, postpaid \$11.65.

No. 269-HS. 10-gal. fountain. \$13.50, postpaid \$14.65.

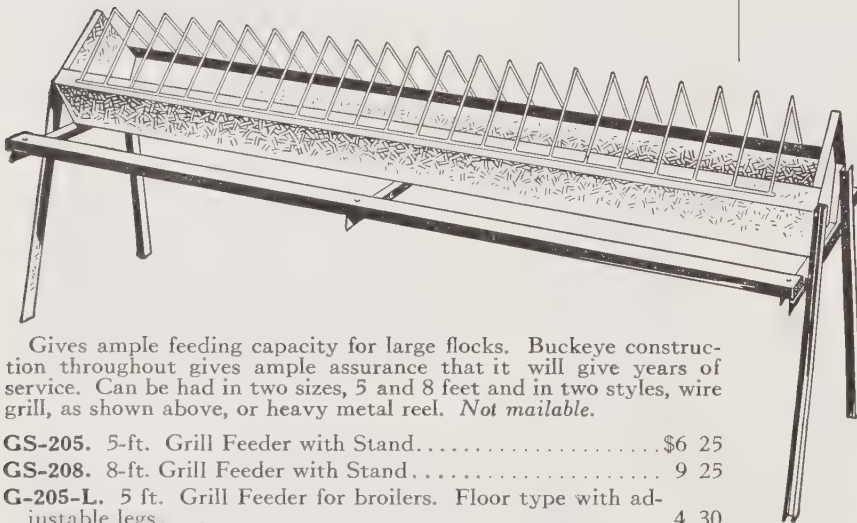


No. S-269. Stand, adjustable for any size fountain. \$4.20, postpaid \$4.53.

For Heaters, see next column.

BUCKEYE FLOCK FEEDER

With Heavy Angle Iron Stand



Gives ample feeding capacity for large flocks. Buckeye construction throughout gives ample assurance that it will give years of service. Can be had in two sizes, 5 and 8 feet and in two styles, wire grill, as shown above, or heavy metal reel. *Not available.*

GS-205. 5-ft. Grill Feeder with Stand. \$6 25

GS-208. 8-ft. Grill Feeder with Stand. 9 25

G-205-L. 5 ft. Grill Feeder for broilers. Floor type with adjustable legs. 4 30

G-208-L. 8 ft. Grill Feeder for broilers. Floor type with adjustable legs. 7 10



Adjustable Roof Saddle

No. 285. This new Roof Saddle, adjustable to care for any pitch roof, is furnished complete with stack and rain-cap as illustrated.

For 5-in. Pipe. Weight, 7 lbs. \$1.90, postpaid \$2.15. Three in carton, \$5.70; postpaid \$6.20.

Chick Feeders

No. RL-336. 36-in. Reel Feeder, all-purpose, with adjustable legs. \$1.35, postpaid \$1.55.

No. R-224. Baby Chick 24-in. Reel Feeder. 45c, postpaid 60c.

No. R-218. 18-in. 35c, postpaid 45c.

Buckeye Chick Feeders are specially designed, rigidly constructed, long wearing. For baby chicks, provide 1 inch of feed space for each chick. Provide 16 feet of feeding space for every 100 chicks six weeks old, and 20 feet of feeding space thereafter.

Float Fountains

Has double-acting copper-float valve which is positive in action—self-cleaning type that never clogs. Tank can be removed from bottom pan without fear of leaking. Heavy-gauge metal, strong bails, beaded edges, perch-proof tops.

No. 255. 5-gal. Float Fountain. 4-in.

Float. \$4.00, postpaid \$4.35.

No. 269. 10-gal. Float Fountain. 6-in.

Float. \$5.90, postpaid \$6.30.

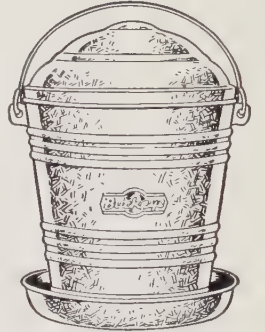


Fig. 1

Fountain Heaters

No. 170. 12-in. for No. 255 fountain. \$2.40, postpaid \$2.55.

No. 270. 14-in. for Nos. 265, 456 fountains. \$2.85, postpaid \$3.00.

No. 470. 18-in. for No. 269 fountain. \$2.90, postpaid \$3.05.

For other Heaters, see page 60.



Double Wall Fount

Made from heaviest metals, all edges beaded. Has heavy interior bail and perfect construction. Live rubber washer prevents leakage and holds water in can when top is removed. Round pan, easy to clean, a real value.

No. 453. 3-gal. \$3.00, postpaid \$3.35

No. 456. 5-gal. \$4.00, postpaid \$4.35

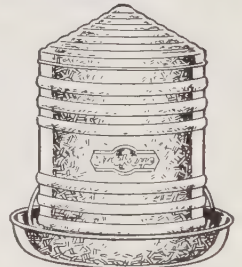


Fig. 2

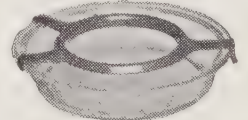


Fig. 3

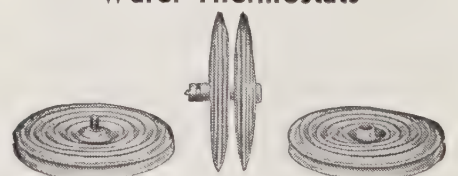
Buckeye Jar Founts

Fit Any Mason Jar

No. 202. Galvanized. Fig. 2. 15c each, postpaid 20c; 2 for 25c, postpaid 35c; \$1.25 per doz., postpaid \$1.40.

No. 204A. Heavy crystal glass. 18c each, postpaid 30c; 2 for 30c, postpaid 45c; \$1.50 per doz., postpaid \$1.90.

Wafer Thermostats



All-brass, double unit, for regular style brooders and incubators. 3-in. combination screw post 35c, 4-in. screw post 40c, 5-in. screw post 50c. Postage 5c each on all sizes.

Rain Caps and Wind Deflectors

No. C-285. Rain Cap.
5-in. 45c, postpaid 57c.

No. RC-285. Revolving Wind Deflector. 5-in., 75c, postpaid 87c.

Stove Pipe

Galvanized. 2-ft. joints. 5-in. 65c.
Tapers. Galvanized. 5 to 4-in. 75c.

Cuprinol Wood Preservative.

For general use on boats, farms, greenhouses and building construction. Stops wood rot color identifies treatment (green). Coverage, about 400 sq. ft. per gal. Qt. \$1.45, postpaid \$1.60; gal. \$3.90, postpaid \$4.20; 5 gals. \$18.25.

Fidel-X Termite Kill. A tested product for termite control, if used according to directions it never fails. Qt. \$1.45; gal. \$4.95; Not available.



Draft Equalizer

D. 295. The adjustable Draft Equalizer solves a problem for the user of coal-burning brooders as it helps to maintain a steadier fire on windy days. This prevents the coal burning too fast or wind blowing smoke back down the chimney, causing fire to smother. The added protection given by this simple device can hardly be estimated. The Draft Equalizer is made with 5-inch galvanized pipe. 80c, postpaid 92c.

Elbows

Galvanized. 5-in. 75c.
Add 12c to the price of each Elbow or joint of pipe for postage.

Sanitary Steel Nests

Well ventilated. No overheating in hot weather. Ample room for large, heavy hens. In addition, for poultry breeders, we can furnish trap nest fronts as listed.

No. 410. A 10-hole Nest. \$15.00.
No. 415. A 15-hole Nest. \$20.50.

Sure-Trip Trap Nest Front

40c, postpaid 52c; doz. \$4.25, postpaid \$4.60.
100 for \$30.00, f.o.b. Baltimore, Md.

Incubator and Brooder Repairs

Prices subject to change

Incubator Wicks. State sizes wanted.
5c each; 50c per doz., postpaid.

Brooder Wicks (Kerogas).
No. 20, 30c; No. 30, 50c, postpaid.

Asbestos Wicks. 25c, postpaid.

Putnam Stove Wicks and Holder and Wick. 10c, postpaid.

Putnam Heater Wicks and Holder and Wick. 15c, postpaid.

Incubator and Brooder Lamp Burners. For Buckeye and other makes.

No. 35. Takes 1-in. wick, has large flame. 75c, postpaid 82c.

No. 300. Double burner. \$1.00, postpaid \$1.07

Chimneyless Lamp Burner. For fountain heaters. 50c, postpaid 60c.

THERMOMETERS

No. 5 Brooder. Fig. 1. Easily read. 50c, postpaid 62c.

No. 401. Electric Brooder. Outside scale. 90c, postpaid \$1.00.

No. 91. Buckeye Incubator. \$1.25, postpaid \$1.35.

No. 5776. Taylor Incubator. \$1.00, postpaid \$1.10.

No. 5783. Taylor Certified. \$1.75, postpaid \$1.85.

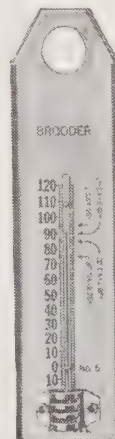


Fig. 1

Buckeye Egg Basket

Held off ground to insure perfect cooling. Has card-holder for flock identification.

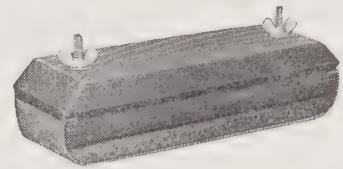
No. 114. 18-doz. Round. \$1.35, postpaid \$1.50. Supply uncertain.

Nest-Eggs

Encourage hens to lay in the nests by the use of Nest-Eggs. This will prevent the loss sustained by hens laying on the floor and other places, where eggs are broken and soiled. Broken eggs encourage the very bad habit of egg-eating by the birds.

Opal. Made of glass. 7c each, 60c per doz., postpaid 75c.

Reliable "Dry-Clean" Egg Cleaner



No. 13. Has sponge-rubber cushion base under cleaning cloth. This cleaning cloth is very finely grained and pliable to cover large surface of egg and prevent breaking. Cloth can be easily removed by loosening wing nuts and raising top section of Cleaner. New cloth is inserted in slots and wing nuts are retightened. Weight 7 ounces. 40c, postpaid 48c.

Egg Cleaning Cloth. 10-ft. rolls 75c, postpaid 85c.

Poultry House Scraper

No. W.C.H. \$2.00, postpaid \$2.25.

Fowl Catcher

Strongly made. Overall length 47 in. 35c, postpaid 47c.

Heavy Duty for Turkeys. 50c each, postpaid 65c.

Chick Boxes

Blue Ribbon Pullmans. 100-chick, 40c, postpaid 50c; 50-chick, 30c, postpaid 39c; 25-chick, 25c, postpaid 30c.

CARBOLA-DDT

INSECT-KILLING AND GERM-KILLING
WHITE POWDER PAINT

DON'T LET THOSE CHICKS DIE!

Now is the time to paint and disinfect your poultry houses, before you put in chicks for the season, using the old reliable Carbola, which destroys disease germs such as diphtheria, roup, cholera, that take so many chicks in untreated brooders and poultry houses. Simply mix Carbola DDT in water and brush or spray on walls and other surfaces. Dust floors, dropping boards, nests with dry powder to kill germs and to keep down ammonia. Rub powder into feathers to destroy lice. Used by agricultural colleges hatcheries and thousands of farmers.

KILLS FLIES AND GERMS IN BARN

In the 2% DDT now contained in Carbola you have a guaranteed FLY KILLER that remains active for months when applied as a paint in cow barns and other buildings. In addition you get the germ-killing disinfection, which prevents Bangs disease, tuberculosis and other diseases. Dries white; meets Board of Health requirements. One or two easy paintings a year do the job.

Ask your dealer today about the economical 50 lb. bag
1 lb. 25¢, 5 lb. 80¢, 10 lb. \$1.35, 25 lb. \$3.00,
50 lb. \$5.50

Write for handy egg record chart

CARBOLA CHEMICAL CO., Inc.

Established 1916

Natural Bridge 100, N. Y.

Doughboy Airdome Automatic Fountain

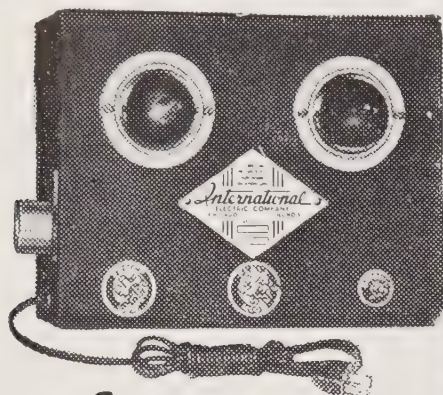
Gravity or Pressure



Starts chicks and poults drinking the first day! Saves poult and chick losses! Protects your profits! Waters hens, turkeys, geese, ducks, and small animals.

The small Fountain takes care of poults through 8 to 12 weeks and chicks to the broiler stage, or until pullets go into the laying house. For the first week, a few bricks will help the smaller birds reach the water. Turkey growers find this Fountain eliminates tedious bill dipping. Small size will water 500 chicks or 300 poults adequately. A constant supply of fresh, clean water insures healthier birds and fewer losses. Large Fountain waters 250 laying hens or 200 full-grown turkeys adequately. It pays for itself many times over in healthier birds and increased egg production.

Chick or Poult size, \$5.95, postpaid \$6.20.
Hen or Turkey size, \$6.95, postpaid \$7.25.



International

WEED KILLING Electric Fencer
No. 106 MAXI-SHOK

Farmers swear by it. Stock respect it. Out-shocks all others on dry ground. Kills weeds and grass that would short out other fencers. Yet it is **SAFE** and **DEPENDABLE** under all conditions. Guaranteed to be the most satisfactory fencer used by farmers.

SAVE TIME—SAVE MONEY

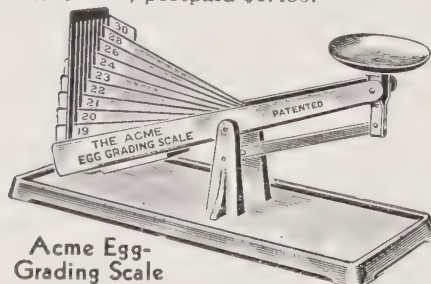
One wire will hold stock that cannot be held by barbed wire or woven wire. Strong shock on fencers up to twenty miles long. Three times as effective as the ordinary electric fence. Many counties have over 1000 Maxi-Shok in use. Let us tell you about International performance locally.

110 to 120 volts A.C. input.
SAFE—DEPENDABLE—GUARANTEED
\$22.50, postpaid \$22.80

Perfection Egg Grader

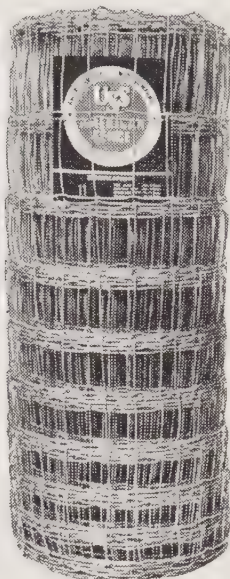
New All-Metal Model

Introduced at I. B. C. A. Convention. The fastest, most accurate Egg Grader ever offered at a low price. Grades 3 to 5 cases per hour—**automatically**. Separate eggs into any 4 grades desired. Meets all state grading laws. Adopted by leading agricultural colleges. **Adjustable**. No dials to read. No electricity needed. Portable, weighs only 12 lbs. Molded rubber tray. A great time-saver and money-maker. Assures uniform pack. Quickly pays for itself. \$17.50, postpaid \$17.80.



Acme Egg-Grading Scale

No. 3. Has been officially adopted as the standard Scale in many sections of the United States. Made entirely of aluminum. Indicates grade instantly. \$3.25, postpaid \$3.40.
No. 517. Jiffy-Way Egg Scale. \$1.75, postpaid \$1.87.



Galvanized Barb Wire

80-rod spools 4-Point 4 or 6 in. between barbs for hogs or cattle. Per spool \$7.50.

Turkey Wire

Used for flooring. 100-foot rolls.
36-in. \$15.00; 48-in. \$19.00.

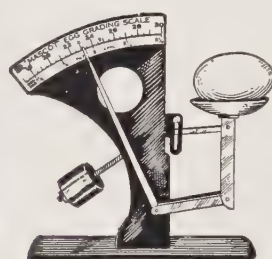


Horse, Cattle, Sheep and Hog Fence

20-Rod Rolls; 6-in. Stays

Height	Design	No. of Horizontal Bars	Price 20 Rods
26	726	7	\$16.75
32	832	8	19.50
39	939	9	22.25
47	1047	10	25.00

Automatic Egg-Scale No. 580



stop converts into grader. Especially low in price. \$2.00, postpaid \$2.15.

Has slanting dial for quick reading. Shows weight per dozen and each individual egg. Complete with leveling device. Grades up to 1800 eggs per hour. Adjustable

No. 1000 Spotlight Tester

Fig. 2

One of the best. Used by Government Grading Stations. \$3.00, postpaid \$3.15.

Egg Candles or Testers

No. 700. Fig. 1. Complete Candler, including cord, socket, and bulb for 110-voltage, \$1.50, postpaid \$1.62.

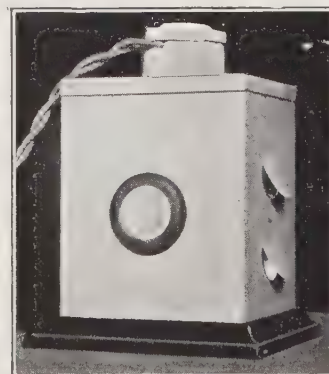


Fig. 1



Fig. 2

Hexagon Mesh Poultry Netting

Put up in rolls of 150 running feet. Galvanized after weaving.

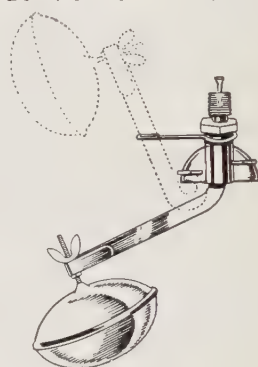
	2-in.	1-in.
No. 20	No. 20	No. 20
Wire	Wire	Wire
12-in.	\$4 10	
24-in.	\$3 90	7 75
36-in.	5 45	11 10
48-in.	7 15	14 60
60-in.	8 75	18 20
72-in.	10 45	21 65

Poultry Wire Staples. Lb. 20c.

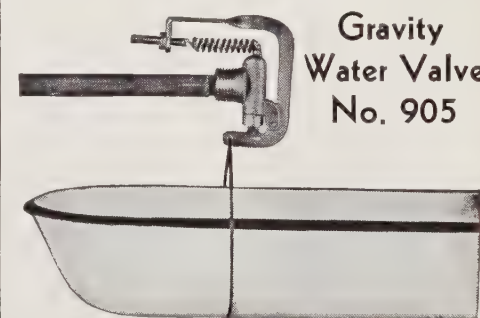


Automatic Float Valve No. 904

Positive in action, accurately machined, made entirely of brass, the float is of extra-heavy construction. Valve is threaded for 1/4-inch iron pipe and can be connected to any pressure system, or to any tank or barrel, thereby providing a constant automatic supply of fresh drinking water. A wire hook is provided to hold the float up in "off" position while the container is removed or cleaned. \$1.00, postpaid \$1.10.

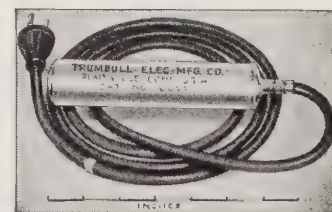


Gravity Water Valve No. 905



A Valve automatic in operation which keeps water at any level desired. It is attached to trough, as shown in illustration, with a wire that slips into notch in arm of Valve. Keep water troughs full in brooder house, laying house or range, whether connected to barrel, gravity, or pressure system. Quickly shut off for cleaning troughs, etc. Made of brass; dependable. The Valve can be attached to a 1/4-in. or 1/2-in. pipe, as it is threaded for both sizes. 95c, postpaid \$1.00.

Automatic Electric Water Warmer



More eggs in zero weather. Holds water at 50° at all times. Thermostatic control. No radio interference; no fire hazard; uses current only when water temperature falls below 50°; entirely automatic. Complete with 6-ft. waterproof electric cord. \$4.00, postpaid \$4.12.

Leg-Bands for Poultry and Pigeons



When ordering Bands, state for which breed.

Bandettes

Unexcelled for use in trap-nesting.

Made of celluloid. Large double numbers.

No. 6. For pigeons. 35c per doz.; 60c for 25; \$2.00 per 100.

No. 9. For Leghorns. 40c per doz.; 75c for 25; \$2.25 per 100.

No. 11. For Rocks, Reds, etc. 45c per doz.; 85c for 25; \$2.50 per 100.

No. 12. For Giants, Cochins, Turkeys and Geese. 50c per doz.; 90c for 25; \$2.75 per 100.

No. 14. For Large Turkeys, Geese. 80c per doz.; \$1.50 for 25; \$5.25 per 100.

Spiralets

Spiralet Leg-Bands. Made of celluloid in different colors. Black, White, Blue, Red, Green, Yellow.

No. 4 and No. 6. For day-old chicks and Pigeons. 10c per doz.; 20c for 25; 30c for 50; 50c per 100.

No. 8. For Leghorns. 10c per doz.; 20c for 25; 35c for 50; 60c per 100.

No. 9 and No. 11. For large Leghorns, Rocks and Reds. 10c per doz.; 20c for 25; 40c for 50; 75c per 100.

No. 12. For Asiatics. 20c per doz.; 35c for 25; 60c for 50; \$1.00 per 100.

No. 14. For Turkey Hens. 25c per doz.; 40c for 25; 75c for 50; \$1.25 per 100.

No. 16. For Turkey Toms. 30c per doz.; 50c for 25; 85c for 50; \$1.50 per 100.

Wing-Bands. The best clinch or seal Wing-Band manufactured. 30c per doz.; 60c for 25; \$1.00 for 50; \$1.75 per 100, postpaid.

Turkey Wing-Bands. Numbered. \$2.50 per 100.



Adjustable Leg-Bands. Adjustable for any breed of poultry. 15c per doz.; 75c per 100; \$6.00 per 1000.

All Bands Postpaid

Caponizing Sets, Poultry Markers, Etc.



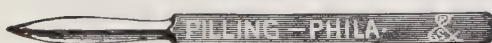
Philadelphia Caponizing Set No. 155. \$5.00, postpaid \$5.12.

Lansdowne No. 1 Caponizing Set. \$6.50, postpaid \$6.62.

Lansdowne No. 2. \$6.50, postpaid \$6.62.

Cornell Caponizing Set. \$9.00, postpaid \$9.12.

Killing and Pinning Knives



French Poultry-Killing Knife. \$1.00, postpaid \$1.05.

No. 313. Pinning Knives. 45c, postpaid 50c.

No. 323. Killing Knife, Chicken. Wood handle. 60c, postpaid 65c.

No. 2694. Killing Knife, Turkey. 75c, postpaid 80c.

Petty's Vest Pocket Toe Punch. For convenience it has no equal. 25c, postpaid 30c.



TO GUARD AGAINST COLDS • ROUP • BRONCHITIS

I fight colds and respiratory diseases by dusting with HTH-15, a dry, white powder, containing just the right balance of chlorine. HTH-15 is easy to use. I just dust over the birds on roost with an inexpensive dust-gun—and get all benefits of the chlorine inhalant treatment without disadvantages of moisture.

A little HTH-15 in drinking water helps prevent spread of disease. Disinfect poultry-houses and equipment by spraying regularly with HTH-15 solution. Economical—no waste—effective. Write for literature. Extensively used for dairy farm sanitation in the dairy, on the animals, and in the barns. 1-lb. can 65c, postpaid 75c; 3-lb. can \$1.50, postpaid \$1.62.

Lobax. See page 62.

Helmets

Prevents Pickouts and Picking

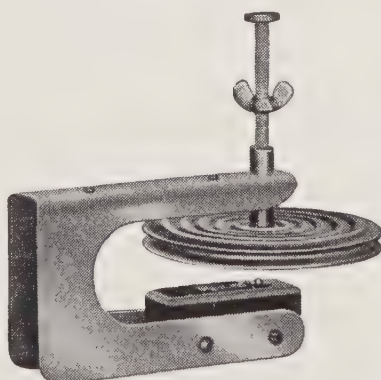


Helmets permit all natural functions of the chickens and will not interfere with production. Easy to attach. \$1.50 for 50; \$2.75 per 100; \$12.50 for 500; \$22.50 per 1000.

Turk-E-Bit. Stop feather-picking. Easily attached; crimp on with your fingers.

No. 171. \$2.00 per 100, postpaid \$2.12.

Electric Thermostat Switch No. 715

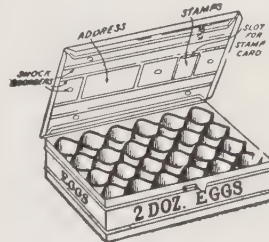


An accurate snap type for use on battery brooders, incubators, or any place where correct temperature control is essential. Complete with wafer. \$2.20, postpaid \$2.32. Switch only, \$1.25, postpaid \$1.32.

B-B Conditioning Mash

Keep birds fit with B-B Conditioning Mash. Entirely different from anything else on the market. Full line of Maritime Milling Co. Foods, see page 63.

Metal Egg Crates



Sell Eggs by Mail

Indestructible; made for interchangeable shipments; lasts for years. Realize more money for your eggs.

Butterandeeggs safely carried by mail in same

crate. Can be used for other products.

Prices and Mailing Weights		Post-paid	
Size, All Eggs	Empty Filled	Price	
2 doz. 4 lbs.	6 lbs.	\$2 00	\$2 20
3 doz. 4 lbs.	8 lbs.	2 50	2 70
4 doz. 5 lbs.	11 lbs.	3 00	3 30
6 doz. 6 lbs.	15 lbs.	3 50	3 75

M.-S. Egg Box

This is an ideal 3 x 4-section Box for the retail egg trade, holding one dozen, presenting the goods to the customer in an attractive package. They knock down in very compact shape. 25c per doz; \$2.00 per 125; \$3.75 per 250.

Egg Preservative WATER GLASS

For storing eggs, use a five-gallon vessel such as a stone crock, wooden tub or bucket. The vessel must have a cover to prevent evaporation. Do not use tin or iron vessels. One gallon makes sufficient solution for 50 to 60 dozen eggs. Qt. 35c, postpaid 65c; gal. \$1.15, postpaid \$1.52.

Biological Products

ASL FOWL POX VACCINE

		Postpaid
100-dose units.	\$1 10	\$1 22
Five 100-dose units.	4 50	4 62

PIGEON POX VACCINE

		Postpaid
100-dose units.	\$1 50	\$1 62

ASL BACTERINS

Cholera-typhoid, fowl-cholera, paratyphoid, typhoid-paratyphoid, and colds (mixed bacterins (avian) chicken and turkey formula).

		Postpaid
60cc.	\$1 10	\$1 22
250cc.	3 50	3 62

All ASL Biologics are manufactured under U. S. Veterinary License No. 165.

ASL Fowl-Laryngotracheitis Vaccine

		Postpaid
100-dose units.	\$2 50	\$2 62
Five 100-dose units.	10 00	10 15

ASL Antigen (stained pullorum)

Polyvalent K Formula (mixed) Antigen. (For detecting both types of pullorum infection)

		Postpaid
500 Test.	\$2 00	\$2 12
1000 Test.	3 50	3 65

TG Formula Pullorum Antigen

(For detecting regular type infection only)

		Postpaid
500 Test.	1 60	1 62
1000 Test.	3 00	3 15

(Each Package is complete with standard dropper, standard blood loop and directions for use).

VIRUS NEWCASTLE DISEASE VACCINE

		Postpaid
100-dose units.	\$2 50	\$2 62
500-dose units.	10 00	10 15

Biological Products continued on page 63.

POULTRY FOODS, DISINFECTANTS AND TONICS

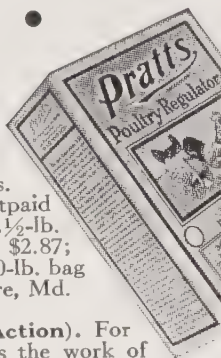
Are Sales Tax
Exempt

Pratts,

Poultry & Livestock Remedies

POULTRY REGULATORY.

Now contains trace elements. For health and eggs. Use year 'round. Pkgs. 35c, 70c and \$1.40, postpaid 47c, 87c and \$1.55; 12½-lb. pkg. \$2.50, postpaid \$2.87; 35-lb. pail \$6.50; 100-lb. bag \$13.50 f.o.b. Baltimore, Md.



N-K Capsules (Split Action). For poultry worms. Does the work of two ordinary worm treatments. Adults: 50 capsules 85c, postpaid 90c; 100 capsules \$1.50, postpaid \$1.55; 500 capsules \$6.00, postpaid \$6.12; 1000 capsules \$11.25, postpaid \$11.40. Chick and Pullet: 50 capsules 55c, postpaid 60c; 100 capsules \$1.00, postpaid \$1.05; 500 capsules \$4.25, postpaid \$4.37; 1000 capsules \$7.25, postpaid \$7.48.

CHICK TABLETS Use in the drinking water. Saves chicks Pkgs. 35c and 70c, postpaid 40c and 75c; 1000 tablets \$8.50, postpaid \$8.60.

DISINFECTANT. Economical, powerful, non-poisonous. Pt. 60c, postpaid 72c; qt. 85c, postpaid \$1.00; gal. \$2.25, postpaid \$2.50.

LICE-KILLER. In dust-baths, nests, etc. In sifter cans, 40c and 80c, postpaid 50c and 90c.

WORM POWDER. A flock treatment. 65c pkg. treats 50 hens, postpaid 77c; \$1.25 pkg. treats 100 hens, postpaid \$1.40; \$5.00 pkg. treats 500 hens, postpaid \$5.40.

PIK-NO-MOR. Stops cannibalism among chicks at all ages. 35c, postpaid 40c; 70c, postpaid 75c.

INHALANT. For better control of colds and catarrh in poultry. 1-pt. bottle 70c, postpaid 82c; qt. \$1.25, postpaid \$1.40; gal. \$3.25. Express or freight only.

ANIMAL REGULATOR. Keeps stock in the pink of condition. Pkgs. 40c, 80c, and \$1.60, postpaid 52c, 95c and \$1.85.

HOG POWDER. Pkgs. 35c, 70c, \$1.40, postpaid 57c, 95c, \$1.65.

ROOST PAINT. Will kill lice on fowls. ½pt. 85c, postpaid 97c; pt. \$1.40, postpaid \$1.55; qt. \$2.00, postpaid \$2.20; gal. \$6.75, postpaid \$7.10.

C-Ka-Gene

Stops heavy losses from bloody coccidiosis. Turns natural attacks into immunity. 50-chick size 90c, postpaid \$1.02; 100-chick size \$1.60, postpaid \$1.75; 250-chick size \$3.50, postpaid \$3.85; 500-chick size \$6.25, postpaid \$6.75.

Pratts Zene-A-Trol

For many species of worms in hogs, sheep, goats, horses, cattle, and chickens. Active ingredient phenothiazine. ½lb. \$1.00, postpaid \$1.12; lb. \$1.50, postpaid \$1.62; 5 lbs. \$6.50, postpaid \$6.71; 25-lb. drum \$28.00, postpaid \$28.61.

Write for FREE

Poultry and Livestock Health Guide



Conkey's Old Reliable Powder

Known as Conkey's Roup Remedy. For use in emergency or put it in drinking founts on cold, rainy days or when there is a sudden change in weather. Pkgs. 25c, 50c, \$1.00, postpaid; 1½-lb. can \$2.35, postpaid \$2.50; 5-lb. can \$5.50, postpaid \$5.75.

Conkey's Poultry Pills

For colds. Pkgs. 35c and 75c, postpaid. Breeder size (500 pills) \$1.75, postpaid \$2.00.

Conkey's Lice Powder

For lice on poultry. Active ingredients, sodium fluoride, sulphur and nicotine. In sifter-top cans 25c, postpaid 37c.

Conkey's Salvo

For treating sores, cuts and wounds. Pkg. 25c, postpaid 30c.

Conkey's New Liquefied Dia-Tabs

Keep this remedy in the drinking water of all baby chicks until danger period of the first few weeks is past. ½pt. 65c; pt. \$1.00; qt. \$1.75; gal. \$5.50. Not mailable.

Conkey's Nox-I-Cide

Paint it on the roosts and spray it into cracks. Spray premises daily when disease is present and once a week as a preventive of red mites, ticks, "blue-bugs" and disease epidemics. Cans: Pt. 40c, postpaid 52c; qt. 70c, postpaid 85c; gal. \$1.75, postpaid \$2.10.

Conkey's Pic-end Bitters

A blood-colored distasteful formula to discourage cannibalism in poultry. 2¼-oz. pkg. 25c, ppd. 30c; 7¼-oz. pkg. 65c, ppd. 77c.

Conkey's Fly Knocker

Does not discolor, is not gummy, does not taint the milk, repels for a long time. Has a knock-down rating of 99 per cent and a kill rating of 73 per cent. Qt. 60c, postpaid 75c; gal. \$1.50, postpaid \$1.83; 5 gals. \$7.25, f.o.b. Baltimore.

Conkey's Y-O Yeast and Cod-Liver Oil

In powder form. Lb. 70c, postpaid 85c; 2 lbs. \$1.30, postpaid \$1.47; 5 lbs. \$2.00, postpaid \$2.25; 25 lbs. \$6.20; 50 lbs. \$10.75; 100-lb. drum \$19.00, f.o.b. Baltimore.

Conkey's 100-to-1 Powder

For large round worms. Use 1 pound in 100 pounds of mash. 4 ozs. 30c, postpaid 35c; lb. \$1.00, postpaid \$1.15; 2 lbs. \$1.75, postpaid \$1.92; 5 lbs. \$4.00, postpaid \$4.25.

Lee's Remedies



Lee's Acidox. The value of an acid preparation in taking care of birds infected with coccidiosis is quite generally recognized by the poultry industry. 4-oz. bottle 50c, postpaid 62c; 12-oz. bottle \$1.00, postpaid \$1.15; 32-oz. bottle \$2.00, postpaid \$2.17; ½gal. \$3.50; gal. \$6.50. (Last two sizes, express or freight only.)

Lee's Mite Killer, Liquid. Qt. 60c, postpaid 75c; ½gal. 90c, postpaid \$1.13; gal. \$1.50, express or freight only.

Lee's Germozone. The best tonic for poultry.

For roup, cholera, and other diseases. 4-oz. bottle 40c, postpaid 52c; 12-oz. bottle 75c, postpaid 90c; 32-oz. bottle \$1.50, postpaid \$1.70; ½gal. \$2.50; gal. \$4.50. (Last two sizes, express or freight only.)

Lee's Vapo Spray. Use around roosts at night in cases of roup, canker, bronchitis and pneumonia. Pt. 50c, postpaid 62c; qt. 75c, postpaid 90c; ½gal. \$1.25; gal. \$2.00. (Last two sizes, express or freight only.)

Lee's Gizzard Worm Capsule. Expels worms without sickening the chicken or retarding egg-production. Adult size: 50 capsules 75c, postpaid 80c; 100 capsules \$1.25, postpaid \$1.30. Pullet size: 50 capsules 50c, postpaid 55c; 100 capsules \$1.00, postpaid \$1.05. Chick size: 50 capsules 40c, postpaid 45c; 100 capsules 75c, postpaid 80c.

Lobax (50% Chlorine)

Used like HTH-15 but is much stronger. 1-lb. can \$1.00, postpaid \$1.15; 28-oz. can \$1.50, postpaid \$1.65. See page 61 for H.T.H.

TOXITE

To control coccidiosis, round worm and red mites. Qt. 75c, ppd. 90c; gal. \$2.00, ppd. \$2.35.

"Black Leaf" Mash-Nic

A single-dose flock treatment

¼lb. (treats 100 birds) 35c; 3 lbs. (treats 1200 birds) \$3.10, postpaid \$3.29; 25-lb. bags \$15.00. Pellets, 50c per 100, postpaid 62c; \$1.95 for 500, postpaid \$2.15.

BLACK-LEAF 40. Paint the roosts; it rids the fowl of lice and mites. 1-oz. bottle 36c, postpaid 40c; 5 ozs. \$1.05, postpaid \$1.10; lb. \$2.42, postpaid \$2.59; 2 lbs. \$4.15, postpaid \$4.32; 5 lbs. \$7.40, postpaid \$7.65; 10 lbs. \$12.65, postpaid \$13.00.

B. H. C. SPRAY. A D.D.T. product for household use against flies, mosquitoes, gnats, clothes moths, ants, fleas, carpet beetles, bedbugs, roaches, etc. Pt. can 50c; qt. can 75c; gal. \$2.40. Postage extra.

918B BARN and STOCK SPRAY (50% D.D.T.) For use on livestock and in stables, barns, etc. 1-lb. pkg. 60c; 3-lb. pkg. \$1.40.

921 POULTRY PEST POWDER. Very economical and effective. Lb. \$1.40.

922A LOUSE POWDER For lice and ticks on stock. 65c, postpaid 80c.

913B INSECT POWDER. 10% D.D.T. Controls roaches, ants, bedbugs, etc. 8 ozs. 35c; lb. 60c.

BEE BRAND INSECT SPRAY. A household insecticide containing 1% D.D.T. Kills flies, mosquitoes, fleas, etc. Pt. 30c, postpaid 42c; qt. 50c, postpaid 65c; gal. \$1.65, postpaid \$2.00.

DON SUNG

A tonic and conditioner for laying hens.
Powdered. Pkg. 50c, \$1.00, \$5.00, \$10.00
and \$20.00, postpaid.



Walko Tablets

A valuable drinking-water antiseptic for all poultry. Use with every brood of baby chicks. 100 tablets 60c, postpaid 65c; 250 tablets \$1.20, postpaid \$1.25; 1000 tablets \$2.50, postpaid \$2.62; 2000 tablets \$4.00, postpaid \$4.20.

Group-Over

Formerly called Roup-Over. 50c and \$1.00, postpaid 60c and \$1.10.

Talcimized Sodium Fluoride

Small size, 1/2 lb. 35c, postpaid 47c; lb. 60c, postpaid 75c; 5 lbs. \$2.50, postpaid \$2.70.

Avicol

For Baby Chicks and Turkeys

Use in drinking water. Pkg. 50c, \$1.00 and \$5.00, postpaid.

Dog and Cat Flea Powders, Etc.

Subject to
Sales Tax



ONE-SPOT is so called because it requires application only in one spot on the dog to effectively control his fleas. Can, 35c, postpaid 40c.



Dog Soap (White).
Contains no carbolic acid or coal-tar but is nicely perfumed and produces a fine lather. 25c, postpaid 30c.

B.B. Shampoo Wash. For dogs and cats. 50c, postpaid 62c.

Rudex

Kills and prevents fleas, lice, ticks and other pests that torture dogs, cattle, hogs and horses. 6-oz. bottle 35c, postpaid 47c; 12 ozs. 60c, postpaid 72c. Not recommended for cats or cage birds.

SULFADENE. See page 64.

Hammond's Flea Powder

For dogs and cats. Contains 1% rotenone. 50c, postpaid 62c.

B.B. Flea Killer Powder. For dogs and cats. 25c, postpaid 30c.

Flea Not Powder. 1% Rotenone. 25c, postpaid 30c.

Play Mouse for Kitty. 15c, postpaid 17c.

For other Dog Supplies, see page 64.

Biological Products

Continued from page 61.

Newcastle Vaccine Killed Virus. 100 doses \$3.70, postpaid \$3.82; 400 doses \$12.80, postpaid \$12.92; 1000 doses \$32.00, postpaid \$32.15.

B. B. POULTRY AND RABBIT FEEDS

Prices on all feeds subject to market fluctuations. Write for prices.

Starting Mash

Vitamized with sardine oil and dried cheese whey.

A complete ration containing twenty-one high-grade ingredients properly balanced.

Guaranteed Analysis: Protein 20%, Fat 3.5%, Fiber 7%, Carbohydrates 55%.

Broiler Mash

Vitamized with sardine oil and dried cheese whey.

A complete ration containing twenty-one ingredients, including substances that produce the yellow shanks and skin so desirable in broilers.

Guaranteed Analysis: Protein 20%, Fat 3.5%, Fiber 7%, Carbohydrates 55%.

Chick Scratch

Intermediate Scratch for growing chicks

Contains fine cracked corn, steel-cut oats, cracked wheat, cracked milo, and millet.

Guaranteed Analysis: Protein 10%, Fat 2%, Fiber 4%, Carbohydrates 70%.

Poultry Grains

Lb.
Cracked Corn.....
Oats.....
Barley.....
Buckwheat.....
Whole Corn.....

Growing Mash

Vitamized with sardine oil and dried cheese whey.

A complete growing ration containing twenty-one ingredients, properly balanced for fast development.

Guaranteed Analysis: Protein 18%, Fat 3.5%, Fiber 8%, Carbohydrates 55%.

Conditioning Mash

Vitamized with sardine oil and dried cheese whey.

This complete ration is amply fortified with all the necessary vitamins and proteins, also a wide variety of minerals.

Guaranteed Analysis: Protein 14%, Fat 2.5%, Fiber 4%, Carbohydrates 60%.

Developing Feed

Contains cracked corn, wheat, buckwheat, and milo.

Guaranteed Analysis: Protein 10%, Fat 2.5%, Fiber 5%, Carbohydrates 70%.

Bird Seeds

Subject to Sales Tax Lb.
Canary.....\$0 20
Rape.....30
Millet (Red or White).....12
Sunflower.....28
Wild Bird Seed.....15
Hemp.....30
Maw Seed.....50
Flax.....30

Egg Mash

This is a 20% protein, carefully balanced, vitamin-potent, highly palatable mash.

Guaranteed Analysis: Protein 20%, Fat 3.5%, Fiber 9%, Carbohydrates 50%.

Turkey Mash

Starter and Grower

Turkeys require a higher protein and vitamin content in their feed than chickens.

Guaranteed Analysis: Starter: Protein 25%, Fat 3.5%, Fiber 7%, Carbohydrates 55%. **Grower:** Protein 18%, Fat 3.5%, Fiber 8%, Carbohydrates 50%.

Large Scratch

Guaranteed Analysis: Protein 10%, Fat 2.5%, Fiber 4%, Carbohydrates 70%.

Grit, Shell, Charcoal, Etc. Lb.

Poultry Grit (3 sizes).....\$0 03
Poultry Shell (2 sizes).....03
Charcoal (3 sizes).....10

B. B. Rabbit Pellets

This nutritional Pellet constitutes the complete diet of the rabbit, entirely fulfilling the requirements of pregnant and milking does, breeding males and growing animals. 10 lbs. 75c; 25 lbs. \$1.75; 100 lbs. (price on request).

BABY CHICKS, DUCKLINGS, TURKEY POULTS

Blood-Tested for Pullorum Disease

We advise placing orders in advance as the demand for chicks is always heavy. Every bird in the breeding flocks has been selected for health, vigor, production and must conform to the type of the breed it represents. Each flock is blood-tested each year and all unsatisfactory birds are removed at once. Hatches every week after the middle of February.

White Leghorns.....
Barred Rocks.....
White Rocks.....
Rhode Island Reds.....
New Hampshire Reds.....
White Wyandottes.....
Giants—Black, White.....
Crosses.....

Write
for Prices

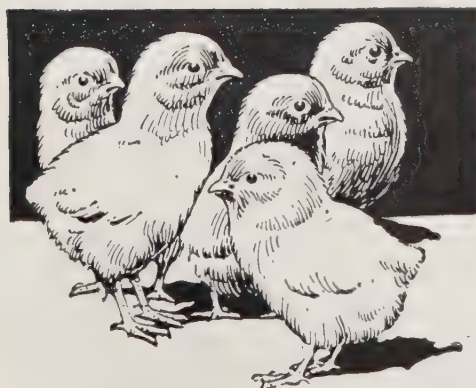
TURKEY POULTS

Mammoth Bronze, bred from big-breasted mountain-bred stock. Price on request.

DUCKLINGS

Mammoth White Peking. Price on request.

25 and 50 at the 100 rate. All prices on chicks, ducks, and poults on request



You Can Get Rid of Rats, Roaches, Mice, Moles. See Below

All Items on This Page Subject to Maryland State Tax
Prices subject to change

SPRATT'S PATENT DOG FOODS

These are staple and constant foods containing every ingredient necessary for the canine constitution and forming a complete and well-balanced ration. Millions of dogs have been kept in the best of health on nothing but Spratt's.

Spratt's Biscuits have been the standard of the world for upwards of three-quarters of a century and provide a dog-diet for the dog constitution.



SPIX

A medium-size dog cake for all breeds. The best results are obtained by giving the biscuits dry, not soaked, thereby compelling the dog to gnaw the food and thus producing copious flow of saliva which materially aids digestion. Lb. 25c; 5 lbs. \$1.15; 10 lbs. \$2.25; 50 lbs. \$10.50. Postage extra.

OVALS

The Pocket Dog Biscuit

Oval Biscuits. Wonderful for all dogs, especially the smaller breeds. Contains plenty of meat; crunchy and satisfying. Price same as above.

CHARCOAL BISCUITS (Oval Size)

Same as Ovals with pure charcoal added. Black in color. Aid in absorbing intestinal and stomach gases. A safeguard against canine ills. Prices same as above.

MIXED DOG BISCUITS

Offered for the purpose of giving your dog just the variety of crunchy foods that he needs for the maintenance of stamina and good health. The combination is made up of Spix, Ovals, Charcoal Ovals, Cod-Liver Oil Ovals, and Fish and Meat Ovals, and constitutes an ideal all-the-year-round food. Price same as above.

D & G Dog Foods

Two sizes: Cakes and Kibbled
Price the same.

Contain beef, to give the equivalent of a two-thirds meat diet; milk, malt, for digestion and assimilation; molasses, for coat; bonemeal and calcium carbonate, for bone structure; cod-liver oil and alfalfa leaf meal, for vitamins and to improve coat; iodized salt; wheat flour; whole wheat, for proper cereal content. Lb. 15c; 10 lbs. \$1.40; 25 lbs. \$3.25; 50 lbs. \$6.25. Postage extra.

D & G Mighty Good Meal. Ingredients like above. Lb. 12c; 10 lbs. \$1.00; 25 lbs. \$2.35; 50 lbs. \$4.50. Postage extra.

Hunt Club Dog Food A Meal Food

Guaranteed Analysis: Protein 23%, Fat 3.5%, Carbohydrates 50%, Fiber 4%.

Hunt Club has a rich meaty flavor that appeals to even the "finicky," hard-to-please dog. It is an excellent food for raising strong, sound, heavy-boned puppies, for grown dogs, also for matrons in whelp and throughout the nursing period. Lb. 13c; 10 lbs. \$1.20; 25 lbs. \$2.75; 50 lbs. \$5.00.

Blue Ribbon Meal. 50 lbs. \$5.25.

Framingham Cedar Bedding

Preferred by many dog-owners. 10 lbs. \$1.60, postpaid \$1.80; 25 lbs. \$3.25, postpaid \$3.60; 50 lbs. \$5.50; 100 lbs. \$10.00. 50 lbs. and 100 lbs. f.o.b. Baltimore.

Fleischmann's Irradiated Dry Yeast for Dogs



Gives the coat a beautiful gloss, helps clear up skin disorders, stops itching, builds stronger bones in puppies, prevents rickets. Four sizes: 3½-oz. can 25c; 8-oz. can 50c; 1-lb. can 85c. Postpaid 30c, 62c, and \$1.00.

SULFADENE

Does your dog itch or scratch? Don't blame fleas, mange or diet. If your dog itches, scratches continually, it's probably **Fungitch**, grass-borne fungus infection long a puzzle to science. **Fungitch** starts as an itch followed by dandruff-like scales or sores with brownish edges and mouldy odor—or infection in ears, in paws, underbody, tail or eyes. May lead to most serious results.

Sulfadene, applied externally, stops itching in minutes, clears up scales and sores in a few days. Generous treatment—4-oz. bottle 98c, postpaid \$1.10.



COMMON-SENSE COCKROACH PREPARATION

Best yet. 35c, postpaid 40c.

Tate Roach Trap. 35c, postpaid 40c.

Roach-Not

A biologically tested material that will help to exterminate roaches, ants, and silverfish. Household size 25c, postpaid 30c; hotel and restaurant size \$1.00, postpaid \$1.10.

Talcimized Sodium Fluoride

Extra good roach killer

Small size, ½ lb. 35c, postpaid 47c; lb. 60c, postpaid 75c; 5 lbs. \$2.50, postpaid \$2.71.

B.B. Roach Killer Powder. 25c, postpaid 35c.

D.D.T. 10% (Tat) Insect Dust. For pets. 25c, postpaid 35c.

NIAGARA INSECT POWDER. Contains 10% D.D.T. Excellent for household use—to eliminate insects. 8-oz. canister 35c, postpaid 47c; 1-lb. canister 60c, postpaid 75c.

Rudex. Insect killer for dogs. 35c, postpaid 47c; large size, 60c, postpaid 72c.

Cyanogas

Calcium Cyanide (Crude)—A-Dust

Kills rats, mice, moles, pocket gophers, ground squirrels, woodchucks, ants, fleas, bees, roaches and moths. Lb. 98c, postpaid \$1.12; 5 lbs. \$3.75, postpaid \$3.95.

MOLOGEN. Eliminates moles in short time. ½ lb. 50c, postpaid 62c; 1½ lbs. \$1.25, postpaid \$1.40; 5 lbs. \$4.00, postpaid \$4.21.

MOLE NOTS. Protect lawns, gardens, flower-beds and golf courses from the ravages of moles, gophers, and field-mice. A 35c package will treat about 40 feet of runs. 35c, postpaid 40c; estate size \$1.00, postpaid \$1.10.

MO-GO. Poisoned nuts. Kills moles and gophers. 35c, postpaid 40c.

Common Sense Exterminator KILLS RATS



Why feed rats when a 35c tube of "Common Sense" will clean them out?

Postpaid 41c.

TAT—Antu Baits

Antu Tracking Bait. 30% Antu. Concentrate powder, \$1.00, postpaid.

Tat Formula 83 Antu. 20% Antu. Combination drinking and feeding bait. Pkgs. 35c and \$1.00, postpaid.

Notta, Rat-Tu. For tracking, feeding or drinking. 25% Antu, pkg. 60c; 5% Antu, pkg. 35c, postpaid.

Rat-Not

Non-poisonous raticide of exceptional merit. **HARMLESS TO HUMANS, DOGS, CATS, LIVESTOCK.** In prepared bait form—no mixing, no fuss, no muss. Based on active materials as recommended by U. S. Department of Agriculture. Household size 25c, postpaid 30c. Estate or Farm size \$1.00, postpaid \$1.10.

K-R-O (Kills Rats Only)

Will not injure human beings, livestock, dogs, cats, poultry, yet is deadly to rats and mice every time. Made of powdered squill. Pkg. (sufficient to kill 200 or more rats) 75c, postpaid 80c.

Pastoxine

Non-Poisonous. Concentrated



Positively no danger to man, domestic animals and poultry. It is non-poisonous. Does not contain phosphor baryta or other mineral poison.

Net contents 1 ounce (will kill 100 rats and mice), 60c, postpaid 65c. Large size (enough to kill 2000 rats), \$5.00, postpaid \$5.15.

Mouse-Not

The new modern way to destroy mice in house or garden. Impregnated prepared seed-bait, easy to use, clean, sanitary, no mixing, no traps needed. Household size 25c, postpaid 30c. Farm size \$1.00, postpaid \$1.10.



R-L Mouse Seed

A small seed chemically treated. Very clean and easy to use. No baits, no traps, no muss. Does not dry up or spoil. Excellent to use when closing homes or camps. A supply is always exposed, thus killing mice when they first enter. 25c, postpaid 30c.

THE MEYER SEED CO.

Kindly write name and address plainly, print preferred

Date.....1950

P. O. or
R. F. D. Address.....

Freight or
Express Address.....

State.....

Superintendent's or
Gardener's name.....

Filled by	Double Checked by	Shipped by	Notified
Date	Date	Date	Date

<i>Amount enclosed</i> {	STAMPS	M. O.	CHECK	CASH
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The Meyer Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

SPECIAL NOTICE

It is always best to write letters and inquiries on a separate memorandum. NOT on order sheets.

BULBS—To plant for a show in your garden



Tuberous-Rooted Begonias

Enormous, waxlike flowers appear uninterruptedly from June until frost. Start indoors in March, and transfer when frosts are over to shady or partly shady locations.

We are offering single and double varieties in Crimson, Pink, Yellow, Scarlet, White, Salmon, and Mixed. $1\frac{1}{2}$ to 2-in. bulbs, **20c each; \$2.25 per doz.** If to be sent postpaid, add **2c each; 25c per doz.**



Superfine GLADIOLUS

NOVELTY COLLECTION

Consisting of six late introductions.
\$1.50 per doz.; \$10.00 per 100.

COLLECTION NO. 1

Consisting of 12 outstanding varieties. **\$1.25 per doz.; \$9.00 per 100.**

COLLECTION NO. 2

Consisting of 12 well-known varieties. **\$1.00 per doz.; \$7.50 per 100.**

GIANT FLOWERING MIXED

75c per doz.; \$5.00 per 100

All above, 50 at 100 rate



Gloxinia

These showy plants are easily grown in pots and can be transferred to a shady location in the garden after all danger of frost is past.

Emperor Frederick. Scarlet with white margin.
Emperor William. Deep violet, margined white.

Etoile de Feu. Brilliant red; compact growth.
Mont Blanc. Clear glistening white.

40c each; \$4.50 per doz. Order early; February delivery. For Parcel Post, add 2c each; 25c per doz.

For descriptions see page 37. For Parcel Post in 1st and 2d Zones, add 12c per doz.; 35c per 100.

**M.-S.
ANNUAL SEEDS**



108. MORNING-GLORY, Heavenly Blue
Pkt. 10c



124. PETUNIA Superbissima, Single Giants of California
Mixed Colors. Pkt. 25c



215. POMPON ZINNIA, Liliuput Mixture
Pkt. 10c

**OFFER
No. 2**

One pkt. each of the
Petunia, Morning-
Glory, and Nierem-
bergia illustrated
here.

SPECIAL PRICE

50c

POSTPAID



110A. NIEREMBERGIA, Purple Robe. Pkt. 25c

**GIANT DAHLIA-
FLOWERED ZINNIA**

- ← 194. Yellow
195. Red
197. Pink
Each
pkt. 10c



206A. FANTASY ZINNIA, Mixed. Pkt. 10c



ZINNIA COLLECTION No. 3 These favorites
are the finest
obtainable in Zinnias and will make your garden
bright and colorful. **Special price 40c, postpaid.**

THE MEYER SEED CO., Baltimore 2, Md.